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OM protein - protein search, using sw model

Run on: November 18, 2004, 05:16:17 ; Search time 44.6377 Seconds
(without alignments)
166.398 Million cell updates/sec

Title: US-09-328-296-2

Perfect score: 587

Sequence: 1 DVVVTQPLSLVSLGQAQAS.....CSQTHVFWTFGGTKLEIQ 112

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents AA:**

- 1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep.*
- 2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep.*
- 3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep.*
- 4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep.*
- 5: /cgn2_6/ptodata/1/iaa/PCFUS_COMB.pep.*
- 6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	550	93.7	238	2	US-08-224-591-12
2	550	93.7	238	2	US-08-392-338A-21
3	550	93.7	238	2	US-08-926-789-12
4	550	93.7	238	3	US-09-166-750-21
5	550	93.7	238	3	US-09-166-093-21
6	550	93.7	238	3	US-09-172-019-21
7	550	93.7	238	3	US-09-166-094-21
8	550	93.7	238	4	US-09-443-213-21
9	550	93.7	239	5	PCT-US93-11138-12
10	550	93.7	240	2	US-08-392-338A-11
11	550	93.7	240	3	US-09-166-750-11
12	550	93.7	240	3	US-09-166-093-11
13	550	93.7	240	3	US-09-172-019-11
14	550	93.7	240	3	US-09-166-094-11
15	550	93.7	240	4	US-09-443-213-11
16	550	93.7	250	2	US-08-392-338A-15
17	550	93.7	250	3	US-09-166-750-15
18	550	93.7	250	3	US-09-166-093-15
19	550	93.7	250	3	US-09-172-019-15
20	550	93.7	250	3	US-09-166-094-15
21	550	93.7	250	4	US-09-443-213-15
22	550	93.7	253	2	US-08-392-338A-17
23	550	93.7	253	3	US-09-166-750-17
24	550	93.7	253	3	US-09-166-093-17
25	550	93.7	253	3	US-09-172-019-17
26	550	93.7	253	3	US-09-166-094-17
27	550	93.7	253	4	US-09-443-213-17

28 549 93.5 242 6 5455030-17 Patent No. 5455030
29 546 93.0 131 3 US-08-589-939-7 Sequence 7, Appli
30 541.5 92.2 114 4 US-09-914-695-18 Sequence 18, Appli
31 541 92.2 112 4 US-09-518-737-4 Sequence 4, Appli
32 539 91.8 114 1 US-07-942-245-9 Sequence 9, Appli
33 538 91.7 638 3 US-09-070-637-20 Sequence 20, Appli
34 537 91.5 112 2 US-08-606-293-4 Sequence 4, Appli
35 534 91.0 246 1 US-08-257-341-7 Sequence 7, Appli
36 534 91.0 252 1 US-08-133-804-4 Sequence 4, Appli
37 534 91.0 252 1 US-08-461-838-4 Sequence 4, Appli
38 534 91.0 252 2 US-08-461-838-4 Sequence 4, Appli
39 534 91.0 367 1 US-08-257-341-5 Sequence 5, Appli
40 529 90.1 269 4 US-09-358-321C-32 Sequence 32, Appli
41 528 89.9 112 2 US-08-606-293-8 Sequence 8, Appli
42 528 89.9 173 5 PCT-US91-02942-3 Sequence 3, Appli
43 528 89.9 173 5 PCT-US91-02946-3 Sequence 3, Appli
44 527 89.8 285 3 US-09-318-661-4 Sequence 4, Appli
45 527 89.8 285 4 US-09-883-758-4 Sequence 4, Appli

ALIGNMENTS

RESULT 1

US-08-224-591-12
; Sequence 12, Application US/08224591
; Patent No. 5856456
; GENERAL INFORMATION:
; APPLICANT: Whitlow, Marc
; APPLICANT: Filpula, David
; TITLE OF INVENTION: Linker For Linked Fusion Polypeptides
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/224,591
; FILING DATE: Herewith
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/002,845
; FILING DATE: 15-JAN-1993
; APPLICATION NUMBER: US 07/980,529
; FILING DATE: 20-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0977.1920002/JAG
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 238 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-224-591-12

Query Match 93.7%; Score 550; DB 2; Length 238;
Best Local Similarity 92.9%; Pred. NO. 1.3e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQPLSLVSLGQAQASICRSQSGLVNSNGNTFLRWYLPKQGSPLLIYTVSNRF 60

Db 1 DVVMTQTPLSLVSLGQASISCRSSQSLVHSGNTYLRWYLOKPGSPKLLIYKVSNR 60
Qy 61 SGVPRFSGSGGDTFTLKISRVEAEDLGVYFCSSQTHVPWTFGGGKLEIQ 112
Db 61 SGVPRFSGSGGDTFTLKISRVEAEDLGVYFCSSQTHVPWTFGGGKLEIK 112

RESULT 2
US-08-392-338A-21
; Sequence 21, Application US/08392338A
; Patent No. 5869820
; GENERAL INFORMATION:
; APPLICANT: Whitlow, Marc
; APPLICANT: Wood, James F.
; APPLICANT: Hardman, Karl
; APPLICANT: Bird, Robert
; APPLICANT: Filpula, David
; TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, NW
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/392,338A
; FILING DATE: 22-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/989,846
; FILING DATE: 20-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/796,936
; FILING DATE: 25-NOV-1991
; FILING DATE: 25-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0977.0030007
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 238 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: Protein
US-08-392-338A-21

Query Match 93.7%; Score 550; DB 2; Length 238;
Best Local Similarity 92.9%; Pred. No. 1.3e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy 1 DVVMTQTPLSLVSLGQASISCRSSQSLVHSGNTYLRWYLOKPGSPKLLIYKVSNR 60
Db 1 DVVMTQTPLSLVSLGQASISCRSSQSLVHSGNTYLRWYLOKPGSPKLLIYKVSNR 60

Qy 61 SGVPRFSGSGGDTFTLKISRVEAEDLGVYFCSSQTHVPWTFGGGKLEIQ 112
Db 61 SGVPRFSGSGGDTFTLKISRVEAEDLGVYFCSSQTHVPWTFGGGKLEIK 112

RESULT 3
US-08-926-789-12
; Sequence 12, Application US/08926789

; Patent No. 5990275
; GENERAL INFORMATION:
; APPLICANT: Whitlow, Marc
; APPLICANT: Filpula, David
; TITLE OF INVENTION: Linker For Linked Fusion Polypeptides
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/926,789
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/224,591
; FILING DATE:
; APPLICATION NUMBER: US 08/002,845
; FILING DATE: 15-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/980,529
; FILING DATE: 20-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0977.1920002/JAG
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 238 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-926-789-12

Query Match 93.7%; Score 550; DB 2; Length 238;
Best Local Similarity 92.9%; Pred. No. 1.3e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy 1 DVVMTQTPLSLVSLGQASISCRSSQSLVHSGNTYLRWYLOKPGSPKLLIYKVSNR 60
Db 1 DVVMTQTPLSLVSLGQASISCRSSQSLVHSGNTYLRWYLOKPGSPKLLIYKVSNR 60

Qy 61 SGVPRFSGSGGDTFTLKISRVEAEDLGVYFCSSQTHVPWTFGGGKLEIQ 112
Db 61 SGVPRFSGSGGDTFTLKISRVEAEDLGVYFCSSQTHVPWTFGGGKLEIK 112

RESULT 4
US-09-166-750-21
; Sequence 21, Application US/09166750
; Patent No. 6025165
; GENERAL INFORMATION:
; APPLICANT: Whitlow, Marc
; APPLICANT: Wood, James F.
; APPLICANT: Hardman, Karl
; APPLICANT: Bird, Robert
; APPLICANT: Filpula, David
; APPLICANT: Rolence, Michelle
; TITLE OF INVENTION: Methods for Producing Multivalent Antigen-Binding
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:

ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/09/166,750
APPLICATION NUMBER: US/09/166,750
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/392,338
FILING DATE: 22-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/989,846
FILING DATE: 20-NOV-1992
APPLICATION NUMBER: US 07/796,936
FILING DATE: 25-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.003000C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 238 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-166-750-21

Query Match 93.7%; Score 550; DB 3; Length 238;
Best Local Similarity 92.9%; Pred. No. 1.3e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQPLSLPVSLSGAQASISCRSSQSLVHSNGNTFLHWYLOKPGSPKLLIYTVSNRF 60
DB 1 DVVVTQPLSLPVSLSGAQASISCRSSQSLVHSNGNTFLHWYLOKPGSPKLLIYTVSNRF 60

QY 61 SGVDPFRFSGSGGDTFTLKISRVEAEDLGVYFCSTHVPWTFGGTKLEIQ 112
DB 61 SGVDPFRFSGSGGDTFTLKISRVEAEDLGVYFCSTHVPWTFGGTKLEIK 112

RESULT 5
US-09-166-093-21
Sequence 21, Application US/09166093
Patent No. 6027725
GENERAL INFORMATION:
APPLICANT: Whitlow, Marc
APPLICANT: Wood, James F.
APPLICANT: Hardman, Karl
APPLICANT: Bird, Robert
APPLICANT: Filpula, David
APPLICANT: Rollence, Michelle
TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/09/166,093
APPLICATION NUMBER: US/09/166,093
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/392,338
FILING DATE: 22-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/989,846
FILING DATE: 20-NOV-1992
APPLICATION NUMBER: US 07/796,936
FILING DATE: 25-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.003000B
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 238 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-166-093-21

Query Match 93.7%; Score 550; DB 3; Length 238;
Best Local Similarity 92.9%; Pred. No. 1.3e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQPLSLPVSLSGAQASISCRSSQSLVHSNGNTFLHWYLOKPGSPKLLIYTVSNRF 60
DB 1 DVVVTQPLSLPVSLSGAQASISCRSSQSLVHSNGNTFLHWYLOKPGSPKLLIYTVSNRF 60

QY 61 SGVDPFRFSGSGGDTFTLKISRVEAEDLGVYFCSTHVPWTFGGTKLEIQ 112
DB 61 SGVDPFRFSGSGGDTFTLKISRVEAEDLGVYFCSTHVPWTFGGTKLEIK 112

RESULT 6
US-09-172-019-21
Sequence 21, Application US/09172019
Patent No. 6103889
GENERAL INFORMATION:
APPLICANT: Whitlow, Marc
APPLICANT: Hardman, Karl
APPLICANT: Bird, Robert
APPLICANT: Filpula, David
TITLE OF INVENTION: Nucleic Acid Molecules Encoding Single-Chain
TITLE OF INVENTION: Antigen-Binding Proteins (As Amended)
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/172,019
FILING DATE: Herewith
CLASSIFICATION:

; PRIOR APPLICATION DATA: US 08/392,338
; APPLICATION NUMBER: US 08/392,338
; FILING DATE: 22-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/989,846
; FILING DATE: 20-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/796,936
; FILING DATE: 25-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0977.003000D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 238 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-172-019-21

Query Match 93.7%; Score 550; DB 3; Length 238;
Best Local Similarity 92.9%; Pred. No. 1.3e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQPLSLPVSILGAQASISCRSSQSLVHSNGNTFLHWYLOKPGSPKLLIYTVSNRF 60
DB 1 DVVMTQPLSLPVSILGAQASISCRSSQSLVHSNGNTYLRWYLOKPGSPKVIYKVS NRF 60

QY 61 SGVPRFSGSGGDTFTLKISRVEAEDLGVYFCSQTHVPWTFGGTKLEIQ 112
DB 61 SGVPRFSGSGGDTFTLKISRVEAEDLGVYFCSQTHVPWTFGGTKLEIK 112

RESULT 7
US-09-166-094-21
; Sequence 21, Application US/09166094
; Patent No. 6121424
; GENERAL INFORMATION:
; APPLICANT: Whittow, Marc
; APPLICANT: Wood, James F.
; APPLICANT: Hardman, Karl
; APPLICANT: Bird, Robert
; APPLICANT: Filpula, David
; APPLICANT: Rollence, Michelle
; TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, NW
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/166,094
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/392,338
; FILING DATE: 22-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/989,846
; FILING DATE: 20-NOV-1992
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/796,936
; FILING DATE: 25-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.

; APPLICATION NUMBER: US 07/796,936
; FILING DATE: 25-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.
; REGISTRATION NUMBER: 29,021
; REFERENCE/DOCKET NUMBER: 0977.003000A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 238 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-166-094-21

Query Match 93.7%; Score 550; DB 3; Length 238;
Best Local Similarity 92.9%; Pred. No. 1.3e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQPLSLPVSILGAQASISCRSSQSLVHSNGNTFLHWYLOKPGSPKLLIYTVSNRF 60
DB 1 DVVMTQPLSLPVSILGAQASISCRSSQSLVHSNGNTYLRWYLOKPGSPKVIYKVS NRF 60

QY 61 SGVPRFSGSGGDTFTLKISRVEAEDLGVYFCSQTHVPWTFGGTKLEIQ 112
DB 61 SGVPRFSGSGGDTFTLKISRVEAEDLGVYFCSQTHVPWTFGGTKLEIK 112

RESULT 8
US-09-443-213-21
; Sequence 21, Application US/09443213
; Patent No. 6515110
; GENERAL INFORMATION:
; APPLICANT: Whittow, Marc
; APPLICANT: Wood, James F.
; APPLICANT: Hardman, Karl
; APPLICANT: Bird, Robert
; APPLICANT: Filpula, David
; APPLICANT: Rollence, Michelle
; TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, NW
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/443,213
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/166,094
; FILING DATE: 05-OCT-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/392,338
; FILING DATE: 22-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/989,846
; FILING DATE: 20-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/796,936
; FILING DATE: 25-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Goldstein, Jorge A.

REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.003000E
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 238 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-443-213-21

Query Match 93.7%; Score 550; DB 4; Length 238;
Best Local Similarity 92.9%; Pred. No. 1.4e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

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Db 1 DVVVTQTLPLSLPVSLGQAQASISCRSSQSLVHSNGNTFLHWYLOKPGQSPKLLIYTVSNRF 60

QY 1 DVVVTQTLPLSLPVSLGQAQASISCRSSQSLVHSNGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
Db 1 DVVVTQTLPLSLPVSLGQAQASISCRSSQSLVHSNGNTFLHWYLOKPGQSPKLLIYTVSNRF 60

QY 61 SGVPDRFSGSGGTDFTLTKISRVEAEDLGVIYFCSTHTVPTFGGTTKLEIK 112
Db 61 SGVPDRFSGSGGTDFTLTKISRVEAEDLGVIYFCSTHTVPTFGGTTKLEIK 112

RESULT 9
PCT-US93-11138-12
Sequence 12 Application PC/TUS9311138
GENERAL INFORMATION:
APPLICANT: Enzon, Inc.
TITLE OF INVENTION: Linker For Linked Fusion Polypeptides
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/11138
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/980,529
FILING DATE: 20-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/002,845
FILING DATE: 15-JAN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.2006604/JAG
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 239 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US93-11138-12

Query Match 93.7%; Score 550; DB 5; Length 239;
Best Local Similarity 92.9%; Pred. No. 1.4e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQTLPLSLPVSLGQAQASISCRSSQSLVHSNGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
Db 1 DVVVTQTLPLSLPVSLGQAQASISCRSSQSLVHSNGNTFLHWYLOKPGQSPKLLIYTVSNRF 60

QY 61 SGVPDRFSGSGGTDFTLTKISRVEAEDLGVIYFCSTHTVPTFGGTTKLEIQ 112
Db 61 SGVPDRFSGSGGTDFTLTKISRVEAEDLGVIYFCSTHTVPTFGGTTKLEIK 112

RESULT 10
US-08-392-338A-11
Sequence 11 Application US/08392338A
Patent No. 5869620
GENERAL INFORMATION:
APPLICANT: Whitlow, Marc
APPLICANT: Wood, James F.
APPLICANT: Hardman, Karl
APPLICANT: Bird, Robert
APPLICANT: Filpula, David
TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/392,338A
FILING DATE: 22-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/989,846
FILING DATE: 20-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/796,936
FILING DATE: 25-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.0030007
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-392-338A-11

Query Match 93.7%; Score 550; DB 2; Length 240;
Best Local Similarity 92.9%; Pred. No. 1.4e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

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Db 1 DVVVTQTLPLSLPVSLGQAQASISCRSSQSLVHSNGNTFLHWYLOKPGQSPKLLIYTVSNRF 60

QY 61 SGVPDRFSGSGGTDFTLTKISRVEAEDLGVIYFCSTHTVPTFGGTTKLEIQ 112
Db 61 SGVPDRFSGSGGTDFTLTKISRVEAEDLGVIYFCSTHTVPTFGGTTKLEIK 112

RESULT 11

US-09-166-750-11
; Sequence 11, Application US/09166750
; Patent No. 6025165

GENERAL INFORMATION:

; APPLICANT: Whitlow, Marc
; APPLICANT: Wood, James F.
; APPLICANT: Hardman, Karl
; APPLICANT: Bird, Robert
; APPLICANT: Filpula, David
; APPLICANT: Rollence, Michelle
; TITLE OF INVENTION: Methods for Producing Multivalent Antigen-Binding
; TITLE OF INVENTION: Proteins
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, NW
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005

COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/166,750
; FILING DATE: Herewith

CLASSIFICATION:

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/392,338
; FILING DATE: 22-FEB-1995

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/989,846

; FILING DATE: 20-NOV-1992

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/796,936

; FILING DATE: 25-NOV-1991

; ATTORNEY/AGENT INFORMATION:

; NAME: Goldstein, Jorge A.

; REGISTRATION NUMBER: 29,021

; REFERENCE/DOCKET NUMBER: 0977.003000C

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202) 371-2600

; TELEFAX: (202) 371-2540

; INFORMATION FOR SEQ ID NO: 11:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 240 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

US-09-166-750-11

Query Match 93.7%; Score 550; DB 3; Length 240;

Best Local Similarity 92.9%; Pred. No. 1.4e-48;

Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

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Db 1 DVVMTQTPLSLPVSLGDAQASISCRSSQSLVHSNGNTYLRWYLOKPGQSPKLLIYKVS NRP 60

Qy 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGYYFCQSQTTHVPWTFGGGKLEIQ 112

Db 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGYYFCQSQTTHVPWTFGGGKLEIK 112

RESULT 12

US-09-166-093-11

; Sequence 11, Application US/09166093

; Patent No. 6027725

; GENERAL INFORMATION:

; APPLICANT: Whitlow, Marc

; APPLICANT: Wood, James F.

; APPLICANT: Hardman, Karl
; APPLICANT: Bird, Robert
; APPLICANT: Filpula, David
; APPLICANT: Rollence, Michelle
; TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, NW
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/166,093

; FILING DATE: Herewith

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/392,338

; FILING DATE: 22-FEB-1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/989,846

; FILING DATE: 20-NOV-1992

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/796,936

; FILING DATE: 25-NOV-1991

; ATTORNEY/AGENT INFORMATION:

; NAME: Goldstein, Jorge A.

; REGISTRATION NUMBER: 29,021

; REFERENCE/DOCKET NUMBER: 0977.003000B

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202) 371-2600

; TELEFAX: (202) 371-2540

; INFORMATION FOR SEQ ID NO: 11:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 240 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

US-09-166-093-11

Query Match 93.7%; Score 550; DB 3; Length 240;

Best Local Similarity 92.9%; Pred. No. 1.4e-48;

Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy 1 DVVVTQPLSLPVSLGQAQASISCRSSQSLVHSNGNTFLHWYLOKPGQSPKLLIYTVSNRF 60

Db 1 DVVMTQTPLSLPVSLGDAQASISCRSSQSLVHSNGNTYLRWYLOKPGQSPKLLIYKVS NRP 60

Qy 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGYYFCQSQTTHVPWTFGGGKLEIQ 112

Db 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGYYFCQSQTTHVPWTFGGGKLEIK 112

RESULT 13

US-09-172-019-11

; Sequence 11, Application US/09172019

; Patent No. 6103889

; GENERAL INFORMATION:

; APPLICANT: Whitlow, Marc

; APPLICANT: Hardman, Karl

; APPLICANT: Bird, Robert

; APPLICANT: Filpula, David

; TITLE OF INVENTION: Nucleic Acid Molecules Encoding Single-Chain

; TITLE OF INVENTION: Antigen-Binding Proteins (As Amended)

; NUMBER OF SEQUENCES: 23

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.

```
STREET: 1100 New York Avenue, NW
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/172,019
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/392,338
FILING DATE: 22-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/989,846
FILING DATE: 20-NOV-1992
APPLICATION NUMBER: US 07/796,936
FILING DATE: 25-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.003000D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-172-019-11

Query Match          93.7%; Score 550; DB 3; Length 240;
Best Local Similarity 92.9%; Pred. No. 1.4e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQPLSLPVSLSGAQASISCRSSQSLVHSGNTFLHWYLPKQPGSPKLLIYTVSNRF 60
Db 1 DVVMTQPLSLPVSLSGLDQASISCRSSQSLVHSGNTFLRWYLPKQPGSPKLLIYKVSNRF 60

QY 61 SGVDPFRSGSGGTDFTLKISRVEAEDLGVYFCSTHVPWTFGGTKLEIQ 112
Db 61 SGVDPFRSGSGGTDFTLKISRVEAEDLGVYFCSTHVPWTFGGTKLEIK 112

RESULT 14
US-09-166-094-11
; Sequence 11, Application US/09166094
; Patent No. 6121424
; GENERAL INFORMATION:
; APPLICANT: Whitlow, Marc
; APPLICANT: Wood, James F.
; APPLICANT: Hardman, Karl
; APPLICANT: Bird, Robert
; APPLICANT: Filpula, David
; APPLICANT: Rollence, Michelle
; TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, NW
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/443,213
; FILING DATE: Herewith
; CLASSIFICATION:

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/166,094
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/392,338
FILING DATE: 22-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/989,846
FILING DATE: 20-NOV-1992
APPLICATION NUMBER: US 07/796,936
FILING DATE: 25-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.003000A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-166-094-11

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Best Local Similarity 92.9%; Pred. No. 1.4e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQPLSLPVSLSGAQASISCRSSQSLVHSGNTFLHWYLPKQPGSPKLLIYTVSNRF 60
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QY 61 SGVDPFRSGSGGTDFTLKISRVEAEDLGVYFCSTHVPWTFGGTKLEIQ 112
Db 61 SGVDPFRSGSGGTDFTLKISRVEAEDLGVYFCSTHVPWTFGGTKLEIK 112

RESULT 15
US-09-443-213-11
; Sequence 11, Application US/09443213
; Patent No. 6515110
; GENERAL INFORMATION:
; APPLICANT: Whitlow, Marc
; APPLICANT: Wood, James F.
; APPLICANT: Hardman, Karl
; APPLICANT: Bird, Robert
; APPLICANT: Filpula, David
; APPLICANT: Rollence, Michelle
; TITLE OF INVENTION: Multivalent Antigen-Binding Proteins
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, NW
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/443,213
; FILING DATE: Herewith
; CLASSIFICATION:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/166,094
FILING DATE: 05-OCT-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/392,338
FILING DATE: 22-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/989,846
FILING DATE: 20-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/796,936
FILING DATE: 25-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goldstein, Jorge A.
REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0977.003000E
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 240 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-443-213-11

Query Match 93.7%; Score 550; DB 4; Length 240;
Best Local Similarity 92.9%; Pred.No.1.4e-48;
Matches 104; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

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Qy	61	SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGKLEIQ	112
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Job time : 50.6377 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: November 18, 2004, 05:21:14 ; Search time 176.522 Seconds
(without alignments)
224.688 Million cell updates/sec

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Gapop 10.0 , Gapext 0.5

Searched: 1570615 seqs, 354127592 residues

Total number of hits satisfying chosen parameters: 1570615

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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 - 2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
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 - 15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
 - 16: /cgn2_6/ptodata/1/pubpaa/US10D_PUBCOMB.pep.*
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 - 20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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2	558	95.1	112	17	US-10-741-657A-22
3	556	94.7	112	17	US-10-741-657A-14
4	555	94.5	112	17	US-10-741-657A-20
5	552	94.0	139	14	US-10-372-481-29
6	552	94.0	139	15	US-10-371-797-29
7	545	92.8	507	15	US-10-239-656-47
8	545	92.8	510	15	US-10-239-656-48
9	545	92.8	510	15	US-10-239-656-49
10	541.5	92.2	114	16	US-10-762-629-18
11	541	92.2	112	10	US-09-518-737-4
12	534	91.0	252	9	US-09-887-853-4
13	533	90.8	111	17	US-10-706-852-4

14	532	90.6	112	10	US-09-995-529-10	Sequence 10, Appl
15	532	90.6	112	11	US-09-995-529-10	Sequence 10, Appl
16	530	90.3	112	15	US-10-258-728-4	Sequence 4, Appl1
17	527	89.8	113	17	US-10-706-852-8	Sequence 6, Appl1
18	527	89.8	131	14	US-10-138-505-6	Sequence 8, Appl1
19	527	89.8	131	14	US-10-138-505-10	Sequence 10, Appl1
20	527	89.8	131	15	US-10-257-864A-85	Sequence 85, Appl1
21	527	89.8	131	15	US-10-257-864A-87	Sequence 87, Appl1
22	527	89.8	131	15	US-10-221-131-90	Sequence 90, Appl1
23	527	89.8	131	15	US-10-221-131-92	Sequence 92, Appl1
24	527	89.8	131	15	US-10-399-518-114	Sequence 114, App
25	527	89.8	131	15	US-10-399-518-116	Sequence 116, App
26	527	89.8	245	14	US-10-138-505-40	Sequence 40, Appl1
27	527	89.8	245	15	US-10-257-864A-95	Sequence 95, Appl1
28	527	89.8	245	15	US-10-221-131-100	Sequence 100, App
29	527	89.8	245	15	US-10-399-518-124	Sequence 124, App
30	527	89.8	256	15	US-10-257-864A-97	Sequence 97, Appl1
31	527	89.8	256	15	US-10-257-864A-98	Sequence 98, Appl1
32	527	89.8	256	15	US-10-221-131-102	Sequence 102, App
33	527	89.8	256	15	US-10-221-131-103	Sequence 103, App
34	527	89.8	256	15	US-10-399-518-126	Sequence 126, App
35	527	89.8	256	15	US-10-399-518-127	Sequence 127, App
36	527	89.8	271	14	US-10-138-505-30	Sequence 30, Appl1
37	527	89.8	271	14	US-10-138-505-34	Sequence 34, Appl1
38	527	89.8	271	15	US-10-257-864A-91	Sequence 91, Appl1
39	527	89.8	271	15	US-10-257-864A-93	Sequence 93, Appl1
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41	527	89.8	271	15	US-10-221-131-96	Sequence 96, Appl1
42	527	89.8	271	15	US-10-221-131-98	Sequence 98, Appl1
43	527	89.8	271	15	US-10-399-518-120	Sequence 120, App
44	527	89.8	271	15	US-10-399-518-122	Sequence 122, App
45	527	89.8	274	14	US-10-138-505-26	Sequence 26, Appl1

ALIGNMENTS

RESULT 1
US-10-789-090-10
; Sequence 10, Application US/10789090
; Publication No. US20040223970A1
; GENERAL INFORMATION:
; APPLICANT: Afar, Daniel
; APPLICANT: Law, Debbie
; TITLE OF INVENTION: ANTIBODIES AGAINST SLC15A2 AND USES THEREOF
; FILE REFERENCE: 05882.0192.NPUS01
; CURRENT APPLICATION NUMBER: US/10/789,090
; CURRENT FILING DATE: 2004-02-27
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 10
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Homo Sapiens
US-10-789-090-10

Query Match 95.6%; Score 561; DB 17; length 113;
Best Local Similarity 94.6%; Pred. No. 1.2e-46;
Matches 106; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY	1	DVVVTQPLSLPVLGAQASICRSQSILVHSNGNTLHWYLOKPGQSPKLLIYVSNRF	60
Db	1	DVVMITPLSLPVLGLDQASICRSQSILVHSNGNTLHWYLOKPGQSPKLLIYVSNRF	60
QY	61	SGVPRFSGSGSGTDTTLTKISRVEADLGVYFCSQTHVPWTFGGTKLEIQ	112
Db	61	SGVPRFSGSGSGTDTTLTKISRVEADLGVYFCSQTHVPWTFGGTKLEIK	112

RESULT 2
US-10-741-657A-22
; Sequence 22, Application US/10741657A
; Publication No. US20040197325A1

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; GENERAL INFORMATION:
; APPLICANT: Protein Design Labs
; TITLE OF INVENTION: ANTIBODIES AGAINST GPR64 AND USES THEREOF
; FILE REFERENCE: 05882.0177.NFUS01
; CURRENT APPLICATION NUMBER: US/10/741.657A
; CURRENT FILING DATE: 2003-12-19
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-741-657A-22

Query Match          95.1%; Score 558; DB 17; Length 112;
Best Local Similarity 93.8%; Pred. No. 2.4e-46;
Matches 105; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1 DVVVTQTPLSLPVSILGAQASISCRSSQSLVHSNGNTFLHWYLPKPGSPKLLIYTVSNRF 60
DB 1 DVVVTQTPLSLPVSILGAQASISCRSSQSLVHSNGNTFLHWYLPKPGSPKLLIYKVS NRF 60

QY 61 SGVPRFSGSGSGTDTFLTKISRVEADLGVYFCSTHTHPVWTFGGTKLEIQ 112
DB 61 SGVPRFSGSGSGTDTFLTKISRVEADLGVYFCSTHTHPVWTFGGTKLEIK 112

RESULT 3
US-10-741-657A-14
; Sequence 14, Application US/10741657A
; Publication No. US20040197325A1
; GENERAL INFORMATION:
; APPLICANT: Protein Design Labs
; TITLE OF INVENTION: ANTIBODIES AGAINST GPR64 AND USES THEREOF
; FILE REFERENCE: 05882.0177.NFUS01
; CURRENT APPLICATION NUMBER: US/10/741.657A
; CURRENT FILING DATE: 2003-12-19
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-741-657A-14

Query Match          94.7%; Score 556; DB 17; Length 112;
Best Local Similarity 93.8%; Pred. No. 3.7e-46;
Matches 105; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQTPLSLPVSILGAQASISCRSSQSLVHSNGNTFLHWYLPKPGSPKLLIYTVSNRF 60
DB 1 DVVVTQTPLSLPVSILGAQASISCRSSQSLVHSNGNTFLHWYLPKPGSPKLLIYKVS NRF 60

QY 61 SGVPRFSGSGSGTDTFLTKISRVEADLGVYFCSTHTHPVWTFGGTKLEIQ 112
DB 61 SGVPRFSGSGSGTDTFLTKISRVEADLGVYFCSTHTHPVWTFGGTKLEIK 112

RESULT 4
US-10-741-657A-20
; Sequence 20, Application US/10741657A
; Publication No. US20040197325A1
; GENERAL INFORMATION:
; APPLICANT: Protein Design Labs
; TITLE OF INVENTION: ANTIBODIES AGAINST GPR64 AND USES THEREOF
; FILE REFERENCE: 05882.0177.NFUS01
; CURRENT APPLICATION NUMBER: US/10/741.657A
; CURRENT FILING DATE: 2003-12-19
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-741-657A-20

Query Match          94.7%; Score 556; DB 17; Length 112;
Best Local Similarity 93.8%; Pred. No. 3.7e-46;
Matches 105; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1 DVVVTQTPLSLPVSILGAQASISCRSSQSLVHSNGNTFLHWYLPKPGSPKLLIYTVSNRF 60
DB 1 DVVVTQTPLSLPVSILGAQASISCRSSQSLVHSNGNTFLHWYLPKPGSPKLLIYKVS NRF 60

QY 61 SGVPRFSGSGSGTDTFLTKISRVEADLGVYFCSTHTHPVWTFGGTKLEIQ 112
DB 61 SGVPRFSGSGSGTDTFLTKISRVEADLGVYFCSTHTHPVWTFGGTKLEIK 112

RESULT 5
US-10-372-481-29
; Sequence 29, Application US/10372481
; Publication No. US20030202975A1
; GENERAL INFORMATION:
; APPLICANT: Tedder, Thomas F.
; TITLE OF INVENTION: REAGENTS AND TREATMENT METHODS FOR AUTOIMMUNE DISEASES
; FILE REFERENCE: 5405.306
; CURRENT APPLICATION NUMBER: US/10/372.481
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: PCT/US03/05549
; PRIOR FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: US 60/420,472
; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US 60/359,419
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 29
; LENGTH: 139
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-372-481-29

Query Match          94.0%; Score 552; DB 14; Length 139;
Best Local Similarity 93.8%; Pred. No. 1.1e-45;
Matches 105; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1 DVVVTQTPLSLPVSILGAQASISCRSSQSLVHSNGNTFLHWYLPKPGSPKLLIYTVSNRF 60
DB 20 DVVVTQTPLSLPVSILGAQASISCRSSQSLVHSNGNTFLHWYLPKPGSPKLLIYKVS NRF 79

QY 61 SGVPRFSGSGSGTDTFLTKISRVEADLGVYFCSTHTHPVWTFGGTKLEIQ 112
DB 80 SGVPRFSGSGSGTDTFLTKISRVEADLGVYFCSTHTHPVWTFGGTKLEIK 131

RESULT 6
US-10-371-797-29
; Sequence 29, Application US/10371797
; Publication No. US20040001828A1
; GENERAL INFORMATION:
; APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
; APPLICANT: TUSCANO, Joseph
; APPLICANT: TEDDER, Thomas
; TITLE OF INVENTION: TREATMENT METHODS USING ANTI-CD22
; TITLE OF INVENTION: ANTIBODIES
; FILE REFERENCE: 39754-0951
; CURRENT APPLICATION NUMBER: US/10/371.797
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: US 60/420,472
; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US 60/359,419
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29
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; LENGTH: 139
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-371-797-29

Query Match          94.0%; Score 552; DB 15; Length 139;
Best Local Similarity 93.8%; Pred. No. 1.1e-45;
Matches 105; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1 DVVVTQPLSLPVSIGQAQASISCRSSQSLVHSGNNTFLHWYLOKPGQSPKLLIYTVSNRF 60
Db 20 DVVVTQPLSLPVSIGQAQASISCRSSQSLVHSGNNTFLHWYLOKPGQSPKLLIYTVSNRF 79
QY 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGTKLEIQ 112
Db 80 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGTKLEIK 131

RESULT 7
US-10-239-656-47
; Sequence 47, Application US/10239656
; Publication No. US20040038339A1
; GENERAL INFORMATION:
; APPLICANT: KUFRER, PETER
; APPLICANT: RIETHMULLER, GERT
; APPLICANT: LUTTERBUSE, RALF
; APPLICANT: BORSCHERT, KATRIN
; APPLICANT: KISCHEL, ROMAN
; APPLICANT: MAYER, MONIKA
; APPLICANT: HOFMEISTER, ROBERT
; TITLE OF INVENTION: MULTIFUNCTIONAL POLYPEPTIDES COMPRISING A BINDING SITE
; FILE REFERENCE: 029976/0106
; CURRENT APPLICATION NUMBER: US/10/239,656
; PRIOR FILING DATE: 2003-03-06
; PRIOR APPLICATION NUMBER: PCT/EP01/03414
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: EP 00106467.4
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 47
; LENGTH: 507
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic 11B2D10x4-
; OTHER INFORMATION: 7 bispecific single chain Fv
US-10-239-656-47

Query Match          92.8%; Score 545; DB 15; Length 507;
Best Local Similarity 92.0%; Pred. No. 2.2e-44;
Matches 103; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 1 DVVVTQPLSLPVSIGQAQASISCRSSQSLVHSGNNTFLHWYLOKPGQSPKLLIYTVSNRF 60
Db 384 ELVMTQPLSLPVSIGQAQASISCRSSQSLVHSGNNTFLHWYLOKPGQSPKLLIYTVSNRF 443
QY 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGTKLEIQ 112
Db 444 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGTKLEIK 495

RESULT 8
US-10-239-656-48
; Sequence 48, Application US/10239656
; Publication No. US20040038339A1
; GENERAL INFORMATION:
; APPLICANT: KUFRER, PETER
; APPLICANT: RIETHMULLER, GERT
; APPLICANT: LUTTERBUSE, RALF
; APPLICANT: BORSCHERT, KATRIN
; APPLICANT: KISCHEL, ROMAN
; APPLICANT: HOFMEISTER, ROBERT
; TITLE OF INVENTION: MULTIFUNCTIONAL POLYPEPTIDES COMPRISING A BINDING SITE
; FILE REFERENCE: 029976/0106
; CURRENT APPLICATION NUMBER: US/10/239,656
; PRIOR FILING DATE: 2003-03-06
; PRIOR APPLICATION NUMBER: PCT/EP01/03414
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: EP 00106467.4
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 48
; LENGTH: 510
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic 6E5A7x4-
; OTHER INFORMATION: 7 bispecific single chain Fv
US-10-239-656-48

Query Match          92.8%; Score 545; DB 15; Length 510;
Best Local Similarity 92.0%; Pred. No. 2.2e-44;
Matches 103; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 1 DVVVTQPLSLPVSIGQAQASISCRSSQSLVHSGNNTFLHWYLOKPGQSPKLLIYTVSNRF 60
Db 387 ELVMTQPLSLPVSIGQAQASISCRSSQSLVHSGNNTFLHWYLOKPGQSPKLLIYTVSNRF 446
QY 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGTKLEIQ 112
Db 447 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGTKLEIK 498

RESULT 9
US-10-239-656-49
; Sequence 49, Application US/10239656
; Publication No. US20040038339A1
; GENERAL INFORMATION:
; APPLICANT: KUFRER, PETER
; APPLICANT: RIETHMULLER, GERT
; APPLICANT: LUTTERBUSE, RALF
; APPLICANT: BORSCHERT, KATRIN
; APPLICANT: KISCHEL, ROMAN
; APPLICANT: MAYER, MONIKA
; APPLICANT: HOFMEISTER, ROBERT
; TITLE OF INVENTION: MULTIFUNCTIONAL POLYPEPTIDES COMPRISING A BINDING SITE
; FILE REFERENCE: 029976/0106
; CURRENT APPLICATION NUMBER: US/10/239,656
; PRIOR FILING DATE: 2003-03-06
; PRIOR APPLICATION NUMBER: PCT/EP01/03414
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: EP 00106467.4
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 49
; LENGTH: 510
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic 6E5A7x4-
; OTHER INFORMATION: 7 bispecific single chain Fv
US-10-239-656-49

Query Match          92.8%; Score 545; DB 15; Length 510;
Best Local Similarity 92.0%; Pred. No. 2.2e-44;
Matches 103; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 1 DVVVTQPLSLPVSIGQAQASISCRSSQSLVHSGNNTFLHWYLOKPGQSPKLLIYTVSNRF 60
Db 387 ELVMTQPLSLPVSIGQAQASISCRSSQSLVHSGNNTFLHWYLOKPGQSPKLLIYTVSNRF 446
QY 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGTKLEIQ 112
Db 447 SGVPDRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGTKLEIK 498
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Db 387 ELVMTQTPLSLPVLGDAQASISCRSSQSLVHSNGNTYHLHWYLOKPGSPKLLIYKVSNR 446

QY 61 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIQ 112
 Db 447 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIK 498

RESULT 10

US-10-762-629-18
 ; Sequence 18, Application US/10762629
 ; Publication No. US20040141964A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Abdel-Meguid, Sherin
 ; APPLICANT: Ho, Yen Sen
 ; APPLICANT: Holmes, Stephen D.
 ; APPLICANT: Taylor, Alexander H.
 ; TITLE OF INVENTION: Recombinant IL-18 Antagonists Useful in
 ; TITLE OF INVENTION: Treatment of IL-18 Mediated Disorders
 ; FILE REFERENCE: P50897
 ; CURRENT APPLICATION NUMBER: US/10/762,629
 ; CURRENT FILING DATE: 2004-01-22
 ; PRIOR APPLICATION NUMBER: US/09/914,695
 ; PRIOR FILING DATE: 2001-08-31
 ; PRIOR APPLICATION NUMBER: PCT/US00/07349
 ; PRIOR FILING DATE: 2000-03-17
 ; PRIOR APPLICATION NUMBER: 60/125,299
 ; PRIOR FILING DATE: 1999-03-19
 ; NUMBER OF SEQ ID NOS: 48
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 18
 ; LENGTH: 114
 ; TYPE: PRT
 ; ORGANISM: Mus musculus
 US-10-762-629-18

Query Match 92.2%; Score 541.5; DB 16; Length 114;
 Best Local Similarity 92.9%; Pred. No. 9.5e-45;
 Matches 105; Conservative 5; Mismatches 2; Indels 1; Gaps 1;

QY 1 DVVMTQTPLSLPVLGDAQASISCRSSQSLVHSNGNTYHLHWYLOKPGSPKLLIYTVSNRF 60
 Db 1 DVVMTQTPLSLPVLGDAQASISCRSSQSLVHSNGNTYHLHWYLOKPGSPKLLIYKVSNR 60

QY 61 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIQ 112
 Db 61 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIK 113

RESULT 11

US-09-518-737-4
 ; Sequence 4, Application US/09518737
 ; Publication No. US20030008321A1
 ; GENERAL INFORMATION:
 ; APPLICANT: FUKUI, YASUHIISA
 ; APPLICANT: NAGATA, SATOSHI
 ; APPLICANT: SHIRAI, RYUICHI
 ; APPLICANT: SAITO, NAOKI
 ; TITLE OF INVENTION: MONOCLONAL ANTIBODY RECOGNIZING
 ; TITLE OF INVENTION: PHOSPHATIDYLINOSITOL-3,4-DIPHOSPHATE
 ; FILE REFERENCE: 1965/49618
 ; CURRENT APPLICATION NUMBER: US/09/518,737
 ; CURRENT FILING DATE: 2000-03-03
 ; PRIOR APPLICATION NUMBER: JP 1999-250209
 ; PRIOR FILING DATE: 1999-09-03
 ; NUMBER OF SEQ ID NOS: 10
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 4
 ; LENGTH: 112
 ; TYPE: PRT
 ; ORGANISM: Mus musculus
 US-09-518-737-4

Query Match 92.2%; Score 541; DB 10; Length 112;

Best Local Similarity 92.0%; Pred. No. 1e-44;
 Matches 103; Conservative 6; Mismatches 3; Indels 0; Gaps 0;
 QY 1 DVVMTQTPLSLPVLGDAQASISCRSSQSLVHSNGNTYHLHWYLOKPGSPKLLIYTVSNRF 60
 Db 1 DVVMTQTPLSLPVLGDAQASISCRSSQSLVHSNGNTYHLHWYLOKPGSPKLLIYKVSNR 60
 QY 61 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIQ 112
 Db 61 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIK 112

RESULT 12

US-09-887-853-4
 ; Sequence 4, Application US/09887853
 ; Patent No. US20020188375A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Huston, James S.
 ; APPLICANT: Oppermann, Hermann
 ; APPLICANT: Houston, L. L.
 ; APPLICANT: Ring, David B.
 ; TITLE OF INVENTION: Biosynthetic Binding Proteins For
 ; TITLE OF INVENTION: Imaging
 ; NUMBER OF SEQUENCES: 11
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Testa, Hurwitz & Thibault/Patent Department
 ; STREET: Exchange Place, 53 State Street
 ; CITY: Boston
 ; STATE: Massachusetts
 ; COUNTRY: USA
 ; ZIP: 02109
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/887,853
 ; FILING DATE: 21-Jun-2001
 ; CLASSIFICATION: <Unknown>
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/133,804
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Kelley, Robin D.
 ; REGISTRATION NUMBER: 34,637
 ; REFERENCE/DOCKET NUMBER: 2054/22
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 617-248-7477
 ; TELEFAX: 617-248-7100
 ; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 252 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
 US-09-887-853-4

Query Match 91.0%; Score 534; DB 9; Length 252;
 Best Local Similarity 92.0%; Pred. No. 1.2e-43;
 Matches 103; Conservative 5; Mismatches 4; Indels 0; Gaps 0;

QY 1 DVVMTQTPLSLPVLGDAQASISCRSSQSLVHSNGNTYHLHWYLOKPGSPKLLIYTVSNRF 60
 Db 134 DVVMTQTPLSLPVLGDAQASISCRSSQSLVHSNGNTYHLHWYLOKPGSPKLLIYKVSNR 193

QY 61 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIQ 112
 Db 194 SGVPRFSGSGGTDFTLKISRVEAEDLGVYFCSQTHVPWTFGGGKLEIK 245

RESULT 13


```
US-10-706-852-4
; Sequence 4, Application US/10706852
; Publication No. US20040219203A1
; GENERAL INFORMATION:
; APPLICANT: GRIFFITHS, GARY L.
; APPLICANT: HANSEN, HANS J.
; APPLICANT: GOLDENBERG, DAVID M.
; APPLICANT: LUNDBERG, BO B.
; TITLE OF INVENTION: ANTI-CD74 IMMUNOCONJUGATES AND METHODS
; FILE REFERENCE: 40923-0079US5
; CURRENT APPLICATION NUMBER: US/10706,852
; CURRENT FILING DATE: 2003-11-12
; PRIOR APPLICATION NUMBER: 10/314,330
; PRIOR FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: 09/965,796
; PRIOR FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: 09/307,816
; PRIOR FILING DATE: 1999-05-10
; PRIOR APPLICATION NUMBER: 10/350,096
; PRIOR FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: 09/590,284
; PRIOR FILING DATE: 2000-06-09
; PRIOR APPLICATION NUMBER: 10/377,122
; PRIOR FILING DATE: 2003-03-03
; PRIOR APPLICATION NUMBER: 60/360,259
; PRIOR FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: 60/478,830
; PRIOR FILING DATE: 2003-06-17
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patent In Ver. 3.2
; SEQ ID NO 4
; LENGTH: 111
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-706-852-4

Query Match          90.8%; Score 533; DB 17; Length 111;
Best Local Similarity 91.9%; Pred. No. 6.2e-44;
Matches 102; Conservative 5; Mismatches 4; Indels 0; Gaps 0;

QY 1 DVVVTQTPLSLPVSLSGAQASISCRSSQSLVHSNGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
   ||:|||||
DB 1 DVVVTQTPLSLPVSLSGAQASISCRSSQSLVHSNGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
   ||:|||||

QY 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGIVYFCSSQTHVPWTFGGGTKLEIQ 111
   ||:|||||
DB 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGIVYFCSSQTHVPWTFGGGTKLEIQ 111
   ||:|||||

RESULT 14
US-09-995-529-10
; Sequence 10, Application US/09995529
; Publication No. US2003009655A1
; GENERAL INFORMATION:
; APPLICANT: Watkins, Jeffrey D.
; APPLICANT: Huse, William D.
; APPLICANT: Tang, Ying
; TITLE OF INVENTION: Humanized Collagen Antibodies and
; FILE REFERENCE: P-IX 4976
; CURRENT APPLICATION NUMBER: US/09/995,529
; CURRENT FILING DATE: 2001-11-26
; NUMBER OF SEQ ID NOS: 358
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-995-529-10

Query Match          90.6%; Score 532; DB 11; Length 112;
Best Local Similarity 89.3%; Pred. No. 7.8e-44;
Matches 100; Conservative 7; Mismatches 5; Indels 0; Gaps 0;

QY 1 DVVVTQTPLSLPVSLSGAQASISCRSSQSLVHSNGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
   ||:|||||
DB 1 DVVVTQTPLSLPVSLSGAQASISCRSSQSLVHSNGNTFLHWYLOKPGQSPKLLIYTVSNRF 60
   ||:|||||

QY 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGIVYFCSSQTHVPWTFGGGTKLEIQ 112
   ||:|||||
DB 61 SGVPDRFSGSGGTDFTLKISRVEAEDLGIVYFCSSQTHVPWTFGGGTKLEIQ 112
   ||:|||||

Search completed: November 18, 2004, 06:01:23
Job time : 178.522 secs
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OM protein - protein search, using sw model

Run on: November 18, 2004, 05:16:17 ; Search time 6.37681 Seconds
(without alignments)
166.398 Million cell updates/sec

Title: US-09-328-296-3

Perfect score: 83

Sequence: 1 RSSQSLVHNGNTFLH 16

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:*

1: /cgn2_6/ptodata/1/iaa/5A COMB.pcp.*

2: /cgn2_6/ptodata/1/iaa/5B COMB.pcp.*

3: /cgn2_6/ptodata/1/iaa/6A COMB.pcp.*

4: /cgn2_6/ptodata/1/iaa/6B COMB.pcp.*

5: /cgn2_6/ptodata/1/iaa/PCTUS COMB.pcp.*

6: /cgn2_6/ptodata/1/iaa/backfiles1.pcp.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	80	96.4	16	1	US-08-244-626-4
2	80	96.4	16	4	US-09-914-695-20
3	80	96.4	16	4	US-09-518-737-8
4	80	96.4	100	4	US-09-840-459-27
5	80	96.4	100	4	US-09-497-625A-27
6	80	96.4	110	1	US-08-244-626-2
7	80	96.4	112	4	US-09-518-737-4
8	80	96.4	114	4	US-09-914-695-18
9	80	96.4	218	5	PCT-US94-14106-61
10	78	94.0	112	2	US-08-888-366-18
11	77	92.8	104	3	US-08-881-037-37
12	77	92.8	638	3	US-09-070-637-20
13	75	90.4	24	5	PCT-US91-02942-20
14	75	90.4	24	5	PCT-US91-02942-36
15	75	90.4	50	5	PCT-US91-02942-6
16	75	90.4	50	5	PCT-US91-02942-7
17	75	90.4	116	2	US-08-482-882-66
18	75	90.4	116	2	US-08-483-389-66
19	75	90.4	116	2	US-08-487-113D-66
20	75	90.4	116	2	US-08-473-503-66
21	75	90.4	116	2	US-08-483-932-66
22	75	90.4	116	2	US-08-720-420A-66
23	75	90.4	116	3	US-08-714-017-66
24	75	90.4	116	3	US-08-475-680-66
25	75	90.4	127	1	US-08-482-882-45
26	75	90.4	127	2	US-08-483-389-45
27	75	90.4	127	2	US-08-487-113D-45

28	75	90.4	127	2	US-08-473-503-45	Sequence 45, Appl
29	75	90.4	127	2	US-08-483-932-45	Sequence 45, Appl
30	75	90.4	127	2	US-08-720-420A-45	Sequence 45, Appl
31	75	90.4	127	3	US-08-714-017-45	Sequence 45, Appl
32	75	90.4	127	3	US-08-475-680-45	Sequence 45, Appl
33	75	90.4	173	5	PCT-US91-02942-3	Sequence 3, Appl
34	75	90.4	173	5	PCT-US91-02946-3	Sequence 3, Appl
35	74	89.2	100	4	US-09-840-459-25	Sequence 25, Appl
36	74	89.2	100	4	US-09-497-625A-25	Sequence 25, Appl
37	73	88.0	112	1	US-08-478-039-88	Sequence 88, Appl
38	73	88.0	112	1	US-08-476-349A-88	Sequence 88, Appl
39	73	88.0	112	2	US-08-606-293-4	Sequence 4, Appl
40	73	88.0	112	2	US-08-606-293-8	Sequence 8, Appl
41	73	88.0	246	1	US-08-257-341-7	Sequence 7, Appl
42	73	88.0	252	1	US-08-133-804-4	Sequence 4, Appl
43	73	88.0	252	1	US-08-461-838-4	Sequence 4, Appl
44	73	88.0	252	2	US-08-461-386-4	Sequence 4, Appl
45	73	88.0	260	2	US-08-447-402-1	Sequence 1, Appl

ALIGNMENTS

RESULT 1

US-08-244-626-4
; Sequence 4, Application US/08244626
; Patent No. 5502167
; GENERAL INFORMATION:
; APPLICANT: Waldmann, Herman
; APPLICANT: Walsh, Louise
; APPLICANT: Crowe, James Scott
; APPLICANT: Lewis, Alan Peter
; TITLE OF INVENTION: CDR GRAFTED HUMANISED CHIMERIC T-CELL
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rothwell, Figg, Ernest & Kurz, P.C.
; STREET: 555 Thirteenth Street, N. W.
; CITY: Washington
; STATE: D. C.
; COUNTRY: USA
; ZIP: 20004

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/244,626
FILING DATE: July 15, 1994
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/SB92/02251
FILING DATE: December 4, 1992
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Ernst, Barbara G.
REGISTRATION NUMBER: 30,377
REFERENCE/DOCKET NUMBER: 1808-153A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 783-6040
TELEFAX: (202) 783-6031
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-244-626-4

Query Match 96.4%; Score 80; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 3e-06; Indels 0;
Matches 15; Conservative 1; Mismatches 0; Gaps 0;

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Qy 1 RSSQSLVHNSNGNTFLH 16
Db 1 RSSQSLVHNSNGNTYLH 16

RESULT 2
US-09-914-695-20
; Sequence 20, Application US/09914695
; Patent No. 6706487
; GENERAL INFORMATION:
; APPLICANT: Abdel-Meguid, Sherin
; APPLICANT: Ho, Yen Sen
; APPLICANT: Holmes, Stephen D.
; APPLICANT: Taylor, Alexander H.
; TITLE OF INVENTION: Recombinant IL-18 Antagonists Useful in
; TITLE OF INVENTION: Treatment of IL-18 Mediated Disorders
; FILE REFERENCE: P50897
; CURRENT APPLICATION NUMBER: US/09/914,695
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: PCT/US00/07349
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 60/125,299
; PRIOR FILING DATE: 1999-03-19
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-914-695-20

Query Match 96.4%; Score 80; DB 4; Length 16;
Best Local Similarity 93.8%; Pred. No. 3e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RSSQSLVHNSNGNTFLH 16
Db 1 RSSQSLVHNSNGNTYLH 16

RESULT 3
US-09-518-737-8
; Sequence 8, Application US/09518737
; Patent No. 6709833
; GENERAL INFORMATION:
; APPLICANT: FUKUI, YASUHIKA
; APPLICANT: NAGATA, SATOSHI
; APPLICANT: SHIRAI, RYUICHI
; APPLICANT: SAITO, NAOKI
; TITLE OF INVENTION: MONOCLONAL ANTIBODY RECOGNIZING
; TITLE OF INVENTION: PHOSPHATIDYLINOSITOL-3,4-DIPHOSPHATE
; FILE REFERENCE: 1965/49618
; CURRENT APPLICATION NUMBER: US/09/518,737
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: JP 1999-250209
; PRIOR FILING DATE: 1999-09-03
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-518-737-8

Query Match 96.4%; Score 80; DB 4; Length 16;
Best Local Similarity 93.8%; Pred. No. 3e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RSSQSLVHNSNGNTFLH 16
Db 1 RSSQSLVHNSNGNTYLH 16
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RESULT 4
US-09-840-459-27
; Sequence 27, Application US/09840459
; Patent No. 6696550
; GENERAL INFORMATION:
; APPLICANT: LaRosa, Gregory J.
; APPLICANT: Horvath, Christopher
; APPLICANT: Newman, Walter
; APPLICANT: Jones, S. Tarran H.
; APPLICANT: O'Brien, Siobhan H.
; APPLICANT: O'Keefe, Theresa
; TITLE OF INVENTION: HUMANIZED ANTI-CCR2 ANTIBODIES AND
; TITLE OF INVENTION: METHODS OF USE THEREFOR
; FILE REFERENCE: 1855.1052-012
; CURRENT APPLICATION NUMBER: US/09/840,459
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: PCT/US01/03537
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 09/497,625
; PRIOR FILING DATE: 2000-02-03
; PRIOR APPLICATION NUMBER: 09/359,193
; PRIOR FILING DATE: 1999-07-22
; PRIOR APPLICATION NUMBER: 09/121,781
; PRIOR FILING DATE: 1998-07-23
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 100
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-840-459-27

Query Match 96.4%; Score 80; DB 4; Length 100;
Best Local Similarity 93.8%; Pred. No. 2.2e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RSSQSLVHNSNGNTFLH 16
Db 24 RSSQSLVHNSNGNTYLH 39

RESULT 5
US-09-497-625A-27
; Sequence 27, Application US/09497625A
; Patent No. 6727349
; GENERAL INFORMATION:
; APPLICANT: LaRosa, Gregory J.
; APPLICANT: Horvath, Christopher
; APPLICANT: Newman, Walter
; APPLICANT: Jones, S. Tarran H.
; APPLICANT: O'Brien, Siobhan H.
; APPLICANT: O'Keefe, Theresa
; TITLE OF INVENTION: HUMANIZED ANTI-CCR2 ANTIBODIES AND
; TITLE OF INVENTION: METHODS OF USE THEREFOR
; FILE REFERENCE: 1855.1052-004
; CURRENT APPLICATION NUMBER: US/09/497,625A
; CURRENT FILING DATE: 2000-02-03
; PRIOR APPLICATION NUMBER: 09/359,193
; PRIOR FILING DATE: 1999-07-22
; PRIOR APPLICATION NUMBER: 09/121,781
; PRIOR FILING DATE: 1998-07-23
; NUMBER OF SEQ ID NOS: 106
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 100
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-497-625A-27

Query Match 96.4%; Score 80; DB 4; Length 100;
Best Local Similarity 93.8%; Pred. No. 2.2e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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QY 1 RSSQSLVHSGNGTFLH 16
 Db 24 RSSQSLVHSGNGTYLH 39

RESULT 6
 US-08-244-626-2
 ; Sequence 2, Application US/08244626
 ; Patent No. 5502167
 ; GENERAL INFORMATION:
 ; APPLICANT: Waldmann, Herman
 ; APPLICANT: Walsh, Louise
 ; APPLICANT: Crowe, James Scott
 ; APPLICANT: Lewis, Alan Peter
 ; TITLE OF INVENTION: CDR GRAFTED HUMANISED CHIMERIC T-CELL
 ; TITLE OF INVENTION: ANTIBODIES
 ; NUMBER OF SEQUENCES: 34
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.
 ; STREET: 555 Thirteenth Street, N. W.
 ; CITY: Washington
 ; STATE: D. C.
 ; COUNTRY: USA
 ; ZIP: 20004
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/244,626
 ; FILING DATE: July 15, 1994
 ; CLASSIFICATION: 424
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/GB92/02251
 ; FILING DATE: December 4, 1992
 ; CLASSIFICATION: 424
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Ernst, Barbara G.
 ; REGISTRATION NUMBER: 30,377
 ; REFERENCE/DOCKET NUMBER: 1808-153A
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (202) 783-6040
 ; TELEFAX: (202) 783-6031
 ; INFORMATION FOR SEQ ID NO: 2:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 110 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; US-08-244-626-2

Query Match 96.4%; Score 80; DB 1; Length 110;
 Best Local Similarity 93.8%; Pred. No. 2.4e-05;
 Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGTFLH 16
 Db 24 RSSQSLVHSGNGTYLH 39

RESULT 7
 US-09-518-737-4
 ; Sequence 4, Application US/09518737
 ; Patent No. 6709833
 ; GENERAL INFORMATION:
 ; APPLICANT: FUKUI, YASUHIISA
 ; APPLICANT: NAGATA, SATOSHI
 ; APPLICANT: SHIRAI, RYUICHI
 ; APPLICANT: SAITO, NAOAKI
 ; TITLE OF INVENTION: MONOCLONAL ANTIBODY RECOGNIZING
 ; TITLE OF INVENTION: PHOSPHATIDYLINOSITOL-3,4-DIPHOSPHATE

FILE REFERENCE: 1965/49618
 ; CURRENT APPLICATION NUMBER: US/09/518,737
 ; CURRENT FILING DATE: 2000-03-03
 ; PRIOR APPLICATION NUMBER: JP 1999-250209
 ; PRIOR FILING DATE: 1999-09-03
 ; NUMBER OF SEQ ID NOS: 10
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 4
 ; LENGTH: 112
 ; TYPE: PRT
 ; ORGANISM: Mus musculus
 ; US-09-518-737-4

Query Match 96.4%; Score 80; DB 4; Length 112;
 Best Local Similarity 93.8%; Pred. No. 2.4e-05;
 Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGTFLH 16
 Db 24 RSSQSLVHSGNGTYLH 39

Query Match 96.4%; Score 80; DB 4; Length 114;
 Best Local Similarity 93.8%; Pred. No. 2.5e-05;
 Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGTFLH 16
 Db 24 RSSQSLVHSGNGTYLH 39

RESULT 9
 PCT-US94-14106-61
 ; Sequence 61, Application PC/TUS9414106
 ; GENERAL INFORMATION:
 ; APPLICANT:
 ; TITLE OF INVENTION: Process for Generating Specific Antibodies
 ; NUMBER OF SEQUENCES: 61
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: ASCII (text)
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US94/14106
 ; FILING DATE:
 ; CLASSIFICATION:


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; EARLIER FILING DATE: 1997-05-07
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 638
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Amino acid
; OTHER INFORMATION: sequence for L49-sfv-BL including Pe18 leader
US-09-070-637-20

Query Match          92.8%; Score 77; DB 3; Length 638;
Best Local Similarity 87.5%; Pred. No. 0.00047;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHNSNGNTFLH 16
Db 183 RASQSLVHNSNGNTYLH 198

RESULT 13
PCT-US91-02942-20
; Sequence 20, Application PC/TUS9102942
; GENERAL INFORMATION:
; APPLICANT: ROTHLEIN, ROBERT
; APPLICANT: ADAIR, JOHN R
; APPLICANT: ATHWAL, DILJEET S
; TITLE OF INVENTION: HUMANIZED CDR-GRAFTED ICAM-1 ANTIBODY
; NUMBER OF SEQUENCES: 102
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1225 Connecticut Ave. NW Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/02942
; FILING DATE: 19910429
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9009549.8
; FILING DATE: 27-APR-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: FOX, SAM L
; REGISTRATION NUMBER: 30,353
; REFERENCE/DOCKET NUMBER: 1011.0586600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 466-0800
; TELEFAX: (202) 833-8716
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US91-02942-36

Query Match          90.4%; Score 75; DB 5; Length 24;
Best Local Similarity 87.5%; Pred. No. 2.8e-05;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 RSSQSLVHNSNGNTFLH 16
Db 3 RSSQSLVHNSNGNTYLH 18

RESULT 15
PCT-US91-02942-6
; Sequence 6, Application PC/TUS9102942
; GENERAL INFORMATION:
; APPLICANT: ROTHLEIN, ROBERT
; APPLICANT: ADAIR, JOHN R
; APPLICANT: ATHWAL, DILJEET S
; TITLE OF INVENTION: HUMANIZED CDR-GRAFTED ICAM-1 ANTIBODY
; NUMBER OF SEQUENCES: 102
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1225 Connecticut Ave. NW Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/02942
; FILING DATE: 19910429
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9009549.8
; FILING DATE: 27-APR-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: FOX, SAM L
; REGISTRATION NUMBER: 30,353
; REFERENCE/DOCKET NUMBER: 1011.0586600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 466-0800
; TELEFAX: (202) 833-8716
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US91-02942-20

Query Match          90.4%; Score 75; DB 5; Length 24;
Best Local Similarity 87.5%; Pred. No. 2.8e-05;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 RSSQSLVHNSNGNTFLH 16
Db 3 RSSQSLVHNSNGNTYLH 18
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Thu Nov 18 06:37:16 2004

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/02942
; FILING DATE: 19910429
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9009549.8
; FILING DATE: 27-APR-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: FOX, SAM L
; REGISTRATION NUMBER: 30,353
; REFERENCE/DOCKET NUMBER: 1011.0586600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 466-0800
; TELEFAX: (202) 833-8716
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 50 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; PCT-US91-02942-6

Query Match      90.4%; Score 75; DB 5; Length 50;
Best Local Similarity 87.5%; Pred. No. 6.1e-05;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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Qy      1 RSSQSLVHSGNGNTFLH 16
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Db      24 RSSQSLVHSGNGNYLH 39

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Job time : 6.37681 secs

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OM protein - protein search, using sw model

Run on: November 18, 2004, 05:21:14 ; Search time 25.2174 Seconds
(without alignments)
224.688 Million cell updates/sec

Title: US-09-328-296-3

Perfect score: 83

Sequence: 1 RSSQSLVHNSNGNTFLH 16

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Gapop 10.0 , Gapext 0.5

Searched: 1570615 seqs, 354127592 residues

Total number of hits satisfying chosen parameters: 1570615

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

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Published Applications AA:*
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8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
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10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep.*
11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
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16: /cgn2_6/ptodata/1/pubpaa/US10D_PUBCOMB.pep.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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4	80	96.4	100	16	US-09-840-459-27
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6	80	96.4	100	16	US-10-766-610-27
7	80	96.4	100	16	US-10-733-563-27
8	80	96.4	112	17	US-09-518-737-4
9	80	96.4	112	17	US-10-741-657A-20
10	80	96.4	112	17	US-10-741-657A-22
11	80	96.4	113	15	US-10-468-370-677
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21	80	96.4	139	15	US-10-371-797-29
22	80	96.4	507	15	US-10-239-656-47
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27	75	90.4	111	17	US-10-706-852-4
28	75	90.4	112	17	US-10-741-657A-14
29	75	90.4	113	15	US-10-468-370-675
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43	75	90.4	127	14	US-10-163-942-45
44	75	90.4	220	17	US-10-737-208A-5
45	74	89.2	100	9	US-09-840-459-25

ALIGNMENTS

RESULT 1

US-09-518-737-8
; Sequence 8, Application US/09518737
; Publication No. US2003008321A1
; GENERAL INFORMATION:
; APPLICANT: FUKUI, YASUHIRO
; APPLICANT: NAGATA, SATOSHI
; APPLICANT: SHIRAI, RYUICHI
; APPLICANT: SAITO, NAOAKI
; TITLE OF INVENTION: MONOCLONAL ANTIBODY RECOGNIZING
; TITLE OF INVENTION: PHOSPHATIDYLINOSITOL-3,4-DIPHOSPHATE
; FILE REFERENCE: 1965/49618
; CURRENT APPLICATION NUMBER: US/09/518, 737
; CURRENT FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: JP 1999-250209
; PRIOR FILING DATE: 1999-09-03
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 8
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-518-737-8

Query Match 96.4%; Score 80; DB 10; Length 16;
Best Local Similarity 93.8%; Pred. No. 2.9e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHNSNGNTFLH 16

DB 1 RSSQSLVHNSNGNTFLH 16

RESULT 2

US-10-762-629-20
; Sequence 20, Application US/10762629

Publication No. US20040141964A1
 GENERAL INFORMATION:
 APPLICANT: Abdel-Meguid, Sherin
 APPLICANT: Ho, Yen Sen
 APPLICANT: Holmes, Stephen D.
 APPLICANT: Taylor, Alexander H.
 TITLE OF INVENTION: Recombinant IL-18 Antagonists Useful in
 TITLE OF INVENTION: Treatment of IL-18 Mediated Disorders
 FILE REFERENCE: P50897
 CURRENT APPLICATION NUMBER: US/10/762,629
 CURRENT FILING DATE: 2004-01-22
 PRIOR APPLICATION NUMBER: US/09/914,695
 PRIOR FILING DATE: 2001-08-31
 PRIOR APPLICATION NUMBER: PCT/US00/07349
 PRIOR FILING DATE: 2000-03-17
 PRIOR APPLICATION NUMBER: 60/125,299
 PRIOR FILING DATE: 1999-03-19
 NUMBER OF SEQ ID NOS: 48
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 20
 LENGTH: 16
 TYPE: PRT
 ORGANISM: Mus musculus
 US-10-762-629-20

Query Match 96.4%; Score 80; DB 16; Length 16;
 Best Local Similarity 93.8%; Pred. No. 2.9e-06;
 Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RSSQSLVHSGNGTFLH 16
 |||||
 Db 1 RSSQSLVHSGNGTYLH 16
 |||||

RESULT 3

US-09-840-459-27
 Sequence 27, Application US/09840459
 Patent No. US20020150576A1
 GENERAL INFORMATION:
 APPLICANT: LaRosa, Gregory J.
 APPLICANT: Horvath, Christopher
 APPLICANT: Newman, Walter
 APPLICANT: Jones, S. Tarran
 APPLICANT: O'Brien, Siobhan H.
 APPLICANT: O'Keefe, Theresa
 TITLE OF INVENTION: HUMANIZED ANTI-CCR2 ANTIBODIES AND
 TITLE OF INVENTION: METHODS OF USE THEREFOR
 FILE REFERENCE: 1855.1052-012
 CURRENT APPLICATION NUMBER: US/09/840,459
 CURRENT FILING DATE: 2001-02-02
 PRIOR APPLICATION NUMBER: PCT/US01/03537
 PRIOR FILING DATE: 2001-02-02
 PRIOR APPLICATION NUMBER: 09/497,625
 PRIOR FILING DATE: 2000-02-03
 PRIOR APPLICATION NUMBER: 09/359,193
 PRIOR FILING DATE: 1999-07-22
 PRIOR APPLICATION NUMBER: 09/121,781
 PRIOR FILING DATE: 1998-07-23
 NUMBER OF SEQ ID NOS: 107
 SOFTWARE: FastSeq for Windows Version 3.0
 SEQ ID NO 27
 LENGTH: 100
 TYPE: PRT
 ORGANISM: Mus musculus
 US-09-840-459-27

Query Match 96.4%; Score 80; DB 9; Length 100;
 Best Local Similarity 93.8%; Pred. No. 2.2e-05;
 Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RSSQSLVHSGNGTFLH 16
 |||||
 Db 24 RSSQSLVHSGNGTYLH 39
 |||||

RESULT 4
 US-10-766-773-27
 Sequence 27, Application US/10766773
 Publication No. US20040126851A1
 GENERAL INFORMATION:
 APPLICANT: LaRosa, Gregory J.
 APPLICANT: Horvath, Christopher
 APPLICANT: Newman, Walter
 APPLICANT: Jones, S. Tarran
 APPLICANT: O'Brien, Siobhan H.
 APPLICANT: O'Keefe, Theresa
 TITLE OF INVENTION: HUMANIZED ANTI-CCR2 ANTIBODIES AND
 TITLE OF INVENTION: METHODS OF USE THEREFOR
 FILE REFERENCE: 1855.1052-028
 CURRENT APPLICATION NUMBER: US/10/766,773
 CURRENT FILING DATE: 2004-01-27
 PRIOR APPLICATION NUMBER: 09/497,625
 PRIOR FILING DATE: 2000-02-03
 PRIOR APPLICATION NUMBER: 09/359,193
 PRIOR FILING DATE: 1999-07-22
 PRIOR APPLICATION NUMBER: 09/121,781
 PRIOR FILING DATE: 1998-07-23
 NUMBER OF SEQ ID NOS: 106
 SOFTWARE: FastSeq for Windows Version 3.0
 SEQ ID NO 27
 LENGTH: 100
 TYPE: PRT
 ORGANISM: Mus musculus
 US-10-766-773-27

Query Match 96.4%; Score 80; DB 16; Length 100;
 Best Local Similarity 93.8%; Pred. No. 2.2e-05;
 Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RSSQSLVHSGNGTFLH 16
 |||||
 Db 24 RSSQSLVHSGNGTYLH 39
 |||||

RESULT 5

US-10-766-610-27
 Sequence 27, Application US/10766610
 Publication No. US20040132980A1
 GENERAL INFORMATION:
 APPLICANT: LaRosa, Gregory J.
 APPLICANT: Horvath, Christopher
 APPLICANT: Newman, Walter
 APPLICANT: Jones, S. Tarran
 APPLICANT: O'Brien, Siobhan H.
 APPLICANT: O'Keefe, Theresa
 TITLE OF INVENTION: HUMANIZED ANTI-CCR2 ANTIBODIES AND
 TITLE OF INVENTION: METHODS OF USE THEREFOR
 FILE REFERENCE: 1855.1052-029
 CURRENT APPLICATION NUMBER: US/10/766,610
 CURRENT FILING DATE: 2004-01-27
 PRIOR APPLICATION NUMBER: 09/840,459
 PRIOR FILING DATE: 2001-04-23
 PRIOR APPLICATION NUMBER: PCT/US01/03537
 PRIOR FILING DATE: 2001-02-02
 PRIOR APPLICATION NUMBER: 09/497,625
 PRIOR FILING DATE: 2000-02-03
 PRIOR APPLICATION NUMBER: 09/359,193
 PRIOR FILING DATE: 1999-07-22
 PRIOR APPLICATION NUMBER: 09/121,781
 PRIOR FILING DATE: 1998-07-23
 NUMBER OF SEQ ID NOS: 107
 SOFTWARE: FastSeq for Windows Version 3.0
 SEQ ID NO 27
 LENGTH: 100
 TYPE: PRT
 ORGANISM: Mus musculus

US-10-766-610-27

Query Match 96.4%; Score 80; DB 16; Length 100;
Best Local Similarity 93.8%; Pred. No. 2.2e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGTFLH 16
Db 24 RSSQSLVHSGNGTYLH 39

RESULT 6

US-10-733-563-27
; Sequence 27, Application US/10733563
; Publication No. US20040151721A1
; GENERAL INFORMATION:
; APPLICANT: O'Keefe, Theresa
; TITLE OF INVENTION: HUMANIZED ANTI-CCR2 ANTIBODIES AND
; TITLE OF INVENTION: METHODS OF USE THEREOF
; FILE REFERENCE: 10448-213001
; CURRENT APPLICATION NUMBER: US/10/733,563
; PRIOR FILING DATE: 2003-12-10
; PRIOR FILING DATE: 2002-10-17
; PRIOR FILING DATE: 2002-06-26
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 27
; LENGTH: 100
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-733-563-27

Query Match 96.4%; Score 80; DB 16; Length 100;
Best Local Similarity 93.8%; Pred. No. 2.2e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGTFLH 16
Db 24 RSSQSLVHSGNGTYLH 39

RESULT 7

US-09-518-737-4
; Sequence 4, Application US/09518737
; Publication No. US2003008321A1
; GENERAL INFORMATION:
; APPLICANT: FUKUI, YASUHIKA
; APPLICANT: NAGATA, SATOSHI
; APPLICANT: SHIRAI, RYUICHI
; APPLICANT: SAITO, NAOAKI
; TITLE OF INVENTION: MONOCLONAL ANTIBODY RECOGNIZING
; FILE REFERENCE: 1965/49618
; CURRENT APPLICATION NUMBER: US/09/518,737
; PRIOR FILING DATE: 2000-03-03
; PRIOR FILING DATE: 1999-09-03
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-518-737-4

Query Match 96.4%; Score 80; DB 10; Length 112;
Best Local Similarity 93.8%; Pred. No. 2.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGTFLH 16
Db 24 RSSQSLVHSGNGTYLH 39

RESULT 8

US-10-741-657A-20
; Sequence 20, Application US/10741657A
; Publication No. US20040197325A1
; GENERAL INFORMATION:
; APPLICANT: Protein Design Labs
; TITLE OF INVENTION: ANTIBODIES AGAINST GPR64 AND USES THEREOF
; FILE REFERENCE: 05882.0177.NEUS01
; CURRENT APPLICATION NUMBER: US/10/741.657A
; CURRENT FILING DATE: 2003-12-19
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-741-657A-20

Query Match 96.4%; Score 80; DB 17; Length 112;
Best Local Similarity 93.8%; Pred. No. 2.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGTFLH 16
Db 24 RSSQSLVHSGNGTYLH 39

RESULT 9

US-10-741-657A-22
; Sequence 22, Application US/10741657A
; Publication No. US20040197325A1
; GENERAL INFORMATION:
; APPLICANT: Protein Design Labs
; TITLE OF INVENTION: ANTIBODIES AGAINST GPR64 AND USES THEREOF
; FILE REFERENCE: 05882.0177.NEUS01
; CURRENT APPLICATION NUMBER: US/10/741.657A
; CURRENT FILING DATE: 2003-12-19
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22
; LENGTH: 112
; TYPE: PRT
; ORGANISM: Mus sp.
US-10-741-657A-22

Query Match 96.4%; Score 80; DB 17; Length 112;
Best Local Similarity 93.8%; Pred. No. 2.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 RSSQSLVHSGNGTFLH 16
Db 24 RSSQSLVHSGNGTYLH 39

RESULT 10

US-10-468-370-677
; Sequence 677, Application US/10468370
; Publication No. US20040082039A1
; GENERAL INFORMATION:
; APPLICANT: Gillies, Stephen
; APPLICANT: Carr, Francis J.
; APPLICANT: Jones, Tim
; APPLICANT: Carter, Graham
; APPLICANT: Hamilton, Anita
; APPLICANT: Williams, Stephen
; APPLICANT: Hanlon, Marian
; APPLICANT: Watkins, John


```
; PRIOR APPLICATION NUMBER: PCT/EP02/01690
; PRIOR FILING DATE: 2002-02-18
; NUMBER OF SEQ ID NOS: 689
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 683
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: De-immunized MHC class II binding epitope
US-10-468-370-683

Query Match          96.4%; Score 80; DB 15; Length 113;
Best Local Similarity 93.8%; Pred. No. 2.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RSSQSLVHSGNGTFLH 16
   |||||
Db 24 RSSQSLVHSGNGTYLH 39

RESULT 14
US-10-468-496-2008
; Sequence 2008, Application US/10468496
; Publication No. US20040180386A1
; GENERAL INFORMATION:
; APPLICANT: Carr, Francis J.
; APPLICANT: Carter, Graham
; APPLICANT: Jones, Tim
; APPLICANT: Williams, Stephen
; APPLICANT: Hamilton, Anita
; TITLE OF INVENTION: METHOD FOR IDENTIFICATION OF T-CELL
; TITLE OF INVENTION: EPITOPES AND USE FOR PREPARING MOLECULES WITH REDUCED
; TITLE OF INVENTION: IMMUNOGENICITY
; FILE REFERENCE: MER-117
; CURRENT APPLICATION NUMBER: US/10/468,496
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 01103954.2
; PRIOR FILING DATE: 2001-02-19
; PRIOR APPLICATION NUMBER: 01105777.5
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: 01106538.0
; PRIOR FILING DATE: 2001-03-15
; PRIOR APPLICATION NUMBER: 01107012.5
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 01106899.6
; NUMBER OF SEQ ID NOS: 2036
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2008
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: MHC class II binding epitope
US-10-468-496-2008

Query Match          96.4%; Score 80; DB 16; Length 113;
Best Local Similarity 93.8%; Pred. No. 2.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RSSQSLVHSGNGTFLH 16
   |||||
Db 24 RSSQSLVHSGNGTYLH 39

Search completed: November 18, 2004, 06:01:23
Job time : 25.2174 secs
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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 18, 2004, 05:16:17 ; Search time 2.78986 Seconds
(without alignments)
166.398 Million cell updates/sec

Title: US-09-328-296-4
Perfect score: 34
Sequence: 1 TVSNRFS 7

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*
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3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep.*
4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep.*
5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep.*
6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	29	85.3	7	1	US-08-244-626-6
2	29	85.3	7	1	US-08-053-171-28
3	29	85.3	7	2	US-08-560-558B-30
4	29	85.3	7	4	US-09-217-268B-30
5	29	85.3	7	4	US-09-563-222C-30
6	29	85.3	7	4	US-09-914-695-22
7	29	85.3	7	4	US-09-518-737-9
8	29	85.3	7	4	US-09-254-180C-5
9	29	85.3	23	5	PCT-US91-02942-23
10	29	85.3	23	5	PCT-US91-02942-39
11	29	85.3	31	3	PCT-US91-02942-15
12	29	85.3	34	3	US-08-525-539A-17
13	29	85.3	50	5	PCT-US91-02942-8
14	29	85.3	50	5	PCT-US91-02942-9
15	29	85.3	65	2	US-08-273-146-51
16	29	85.3	100	4	US-09-840-459-25
17	29	85.3	100	4	US-09-840-459-27
18	29	85.3	100	4	US-09-840-459-28
19	29	85.3	100	4	US-09-840-459-29
20	29	85.3	100	4	US-09-497-625A-25
21	29	85.3	100	4	US-09-497-625A-27
22	29	85.3	100	4	US-09-497-625A-28
23	29	85.3	100	4	US-09-497-625A-29
24	29	85.3	104	3	US-08-881-037-37
25	29	85.3	110	1	US-08-244-626-2
26	29	85.3	110	3	US-09-025-769B-33
27	29	85.3	110	3	US-09-025-769B-53

28	29	85.3	110	4	US-09-490-070A-33	Sequence 33, Appl
29	29	85.3	110	4	US-09-490-070A-53	Sequence 53, Appl
30	29	85.3	110	4	US-09-490-153-33	Sequence 33, Appl
31	29	85.3	110	4	US-09-490-153-53	Sequence 53, Appl
32	29	85.3	111	1	US-07-942-245-25	Sequence 25, Appl
33	29	85.3	111	1	US-07-942-245-27	Sequence 27, Appl
34	29	85.3	111	1	US-07-942-245-29	Sequence 29, Appl
35	29	85.3	111	1	US-07-942-245-31	Sequence 31, Appl
36	29	85.3	112	1	US-08-053-171-15	Sequence 15, Appl
37	29	85.3	112	1	US-08-331-398A-48	Sequence 48, Appl
38	29	85.3	112	1	US-08-331-398A-50	Sequence 50, Appl
39	29	85.3	112	1	US-08-478-039-88	Sequence 88, Appl
40	29	85.3	112	1	US-08-077-252B-3	Sequence 3, Appl
41	29	85.3	112	1	US-08-476-349A-88	Sequence 88, Appl
42	29	85.3	112	1	US-08-388-672A-21	Sequence 21, Appl
43	29	85.3	112	1	US-08-388-672A-25	Sequence 25, Appl
44	29	85.3	112	2	US-08-475-000-18	Sequence 18, Appl
45	29	85.3	112	2	US-08-483-199-18	Sequence 18, Appl

ALIGNMENTS

RESULT 1
US-08-244-626-6
; Sequence 6, Application US/08244626
; Patent No. 5502167
; GENERAL INFORMATION:
; APPLICANT: Walldmann, Herman
; APPLICANT: Walsh, Louise Scott
; APPLICANT: Crowe, James Scott
; APPLICANT: Lewis, Alan Peter
; TITLE OF INVENTION: CDR GRAFTED HUMANISED CHIMERIC T-CELL
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.
; STREET: 555 Thirteenth Street, N. W.
; CITY: Washington
; STATE: D. C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/244,626
; FILING DATE: July 15, 1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB92/02251
; FILING DATE: December 4, 1992
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Ernst, Barbara G.
; REGISTRATION NUMBER: 30,377
; REFERENCE/DOCKET NUMBER: 1808-153A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 783-6040
; TELEFAX: (202) 783-6031
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-244-626-6

Query Match 85.3%; Score 29; DB 1; Length 7;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
 | | | | |
 Db 2 VSNRFS 7

RESULT 2

US-08-053-171-28
 ; Sequence 28, Application US/08053171
 ; Patent No. 5562903
 ; GENERAL INFORMATION:
 ; APPLICANT: Co. Loibner
 ; TITLE OF INVENTION: Antibody Derivatives
 ; NUMBER OF SEQUENCES: 32
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Townsend and Townsend Kourie and Crew
 ; STREET: 379 Lytton Avenue
 ; CITY: Palo Alto
 ; STATE: California
 ; COUNTRY: US
 ; ZIP: 94301
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/053.171
 ; FILING DATE: 22-APR-1993
 ; CLASSIFICATION: 424
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Smith, William M
 ; REGISTRATION NUMBER: 30,223
 ; REFERENCE/DOCKET NUMBER: 11823-54-1
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (415) 326-2400
 ; TELEFAX: (415) 326-2422
 ; INFORMATION FOR SEQ ID NO: 28:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 7 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: peptide
 ; HYPOTHETICAL: NO
 ; FEATURE:
 ; NAME/KEY: Peptide
 ; LOCATION: 1..7
 ; OTHER INFORMATION: /note= "Second
 ; OTHER INFORMATION: complementarity-determining region (CDR2) of
 ; OTHER INFORMATION: BR55-2 antibody light chain"
 ; US-08-053-171-28

Query Match 85.3%; Score 29; DB 1; Length 7;
 Best Local Similarity 100.0%; Pred. No. 3.8e+05;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
 | | | | |
 Db 2 VSNRFS 7

RESULT 3

US-08-560-558E-30
 ; Sequence 30, Application US/08560558E
 ; Patent No. 5891996
 ; GENERAL INFORMATION:
 ; APPLICANT:
 ; TITLE OF INVENTION: Humanized and chimeric monoclonal
 ; TITLE OF INVENTION: antibodies that recognize epidermal growth factor receptor
 ; TITLE OF INVENTION: antibodies that recognize epidermal growth factor receptor
 ; TITLE OF INVENTION: EGF-R; diagnostic and therapeutic use.
 ; NUMBER OF SEQUENCES: 34
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Allen C. Turner, TRASK, BRITT & ROSSA

STREET: P.O. Box 2250
 CITY: Salt Lake City
 STATE: Utah
 COUNTRY: United States of America
 ZIP: 84110
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: WINDOWS95
 ; SOFTWARE: Wordperfect 5.1/5.2
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/560.558E
 ; FILING DATE: No. 5891996ember 17, 1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Turner, Allen C.
 ; REGISTRATION NUMBER: 33,041
 ; REFERENCE/DOCKET NUMBER: 2720US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (801) 532-1922
 ; TELEFAX: (801) 531-9168
 ; INFORMATION FOR SEQ ID NO: 30:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 7 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: unknown
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: protein
 ; HYPOTHETICAL: NO
 ; US-08-560-558E-30

Query Match 85.3%; Score 29; DB 2; Length 7;
 Best Local Similarity 100.0%; Pred. No. 3.8e+05;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
 | | | | |
 Db 2 VSNRFS 7

RESULT 4

US-09-217-268B-30
 ; Sequence 30, Application US/09217268B
 ; Patent No. 6506883
 ; GENERAL INFORMATION:
 ; APPLICANT: Mateo de Acosta del Rio, Christina M
 ; APPLICANT: Rodriguez, Rolando P
 ; APPLICANT: Frias, Ernesto M
 ; TITLE OF INVENTION: Humanized and Chimeric Monoclonal Antibodies That Recognize Epide:
 ; TITLE OF INVENTION: Growth Factor Receptor (EGF-R); Diagnostic and Therapeutic Use
 ; FILE REFERENCE: 2720.IUS
 ; CURRENT APPLICATION NUMBER: US/09/217.268B
 ; CURRENT FILING DATE: 1998-12-21
 ; NUMBER OF SEQ ID NOS: 36
 ; SOFTWARE: Patent in version 3.1
 ; SEQ ID NO 30
 ; LENGTH: 7
 ; TYPE: PRT
 ; ORGANISM: Murine
 ; FEATURE:
 ; NAME/KEY: MISC FEATURE
 ; OTHER INFORMATION: CDR of murine R3 antibody
 ; US-09-217-268B-30

Query Match 85.3%; Score 29; DB 4; Length 7;
 Best Local Similarity 100.0%; Pred. No. 3.8e+05;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
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 Db 2 VSNRFS 7

RESULT 5


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US-09-563-222C-30
; Sequence 30, Application US/09563222C
; Patent No. 6696620
; GENERAL INFORMATION:
; APPLICANT: EPICYTE PHARMACEUTICALS, INC.
; APPLICANT: HIATT, ANDREW C.
; APPLICANT: HEIN, MICHAEL B.
; TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN PLANT CELLS
; CURRENT APPLICATION NUMBER: US/09/563,222C
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: PCT/US01/14349
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/563,222
; PRIOR FILING DATE: 2000-05-02
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-563-222C-30

Query Match      85.3%; Score 29; DB 4; Length 7;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 VSNRFS 7
Db      2 VSNRFS 7

RESULT 6
US-09-914-695-22
; Sequence 22, Application US/09914695
; Patent No. 6706487
; GENERAL INFORMATION:
; APPLICANT: Abdel-Meguid, Sherin
; APPLICANT: Ho, Yen Sen
; APPLICANT: Holmes, Stephen D.
; APPLICANT: Taylor, Alexander H.
; TITLE OF INVENTION: Recombinant IL-18 Antagonists Useful in
; TITLE OF INVENTION: Treatment of IL-18 Mediated Disorders
; FILE REFERENCE: P50897
; CURRENT APPLICATION NUMBER: US/09/914,695
; CURRENT FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: PCT/US00/07349
; PRIOR FILING DATE: 2000-03-17
; PRIOR APPLICATION NUMBER: 60/125,299
; PRIOR FILING DATE: 1999-03-19
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-914-695-22

Query Match      85.3%; Score 29; DB 4; Length 7;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 VSNRFS 7
Db      2 VSNRFS 7

RESULT 7
US-09-518-737-9
; Sequence 9, Application US/09518737
; Patent No. 6709833
; GENERAL INFORMATION:
; APPLICANT: FUKUI, YASUHIKA
```

```
US-09-518-737-9
; APPLICANT: NAGATA, SATOSHI
; APPLICANT: SHIRAI, RYUICHI
; APPLICANT: SAITO, NAKAKI
; TITLE OF INVENTION: MONOCLONAL ANTIBODY RECOGNIZING
; TITLE OF INVENTION: PHOSPHATIDYLINOSITOL-3,4-DIPHOSPHATE
; FILE REFERENCE: 1965/49618
; CURRENT APPLICATION NUMBER: US/09/518,737
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: JP 1999-250209
; PRIOR FILING DATE: 1999-09-03
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-518-737-9

Query Match      85.3%; Score 29; DB 4; Length 7;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 VSNRFS 7
Db      2 VSNRFS 7

RESULT 8
US-09-254-180C-5
; Sequence 5, Application US/09254180C
; Patent No. 6777540
; GENERAL INFORMATION:
; APPLICANT: OKUMURA, KO
; APPLICANT: EDA, Yasuyuki
; APPLICANT: MAEDA, Hiroaki
; APPLICANT: USHIO, Yoshitaka
; APPLICANT: HIGUCHI, Hirofumi
; APPLICANT: NAKATA, Motomi
; TITLE OF INVENTION: Humanized Immunoglobulins Specifically Reactive to Fas Ligand or
; TITLE OF INVENTION: Fragments Thereof, and Apoptosis-Induced Site From Fas Ligand
; FILE REFERENCE: 050006-0055
; CURRENT APPLICATION NUMBER: US/09/254,180C
; CURRENT FILING DATE: 1999-04-15
; PRIOR APPLICATION NUMBER: PCT/JF97/02983
; PRIOR FILING DATE: 1997-08-27
; PRIOR APPLICATION NUMBER: 271546/1996
; PRIOR FILING DATE: 1996-09-20
; PRIOR APPLICATION NUMBER: 231472/1996
; PRIOR FILING DATE: 1996-09-02
; NUMBER OF SEQ ID NOS: 183
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 7
; TYPE: PRT
; ORGANISM: Mouse
US-09-254-180C-5

Query Match      85.3%; Score 29; DB 4; Length 7;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2 VSNRFS 7
Db      2 VSNRFS 7

RESULT 9
PCT-US91-02942-23
; Sequence 23, Application PC/TUS9102942
; GENERAL INFORMATION:
; APPLICANT: ROTHLEIN, ROBERT
; APPLICANT: ADAIR, JOHN R
; APPLICANT: ATHWAL, DILJEET S
```

TITLE OF INVENTION: HUMANIZED CDR-GRAFTED ICAM-1 ANTIBODY
NUMBER OF SEQUENCES: 102
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1225 Connecticut Ave. NW Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/02942
FILING DATE: 19910429
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9009549.8
FILING DATE: 27-APR-1990
ATTORNEY/AGENT INFORMATION:
NAME: FOX, SAM L.
REGISTRATION NUMBER: 30,353
REFERENCE/DOCKET NUMBER: 1011.0586600
TELEPHONE: (202) 466-0800
TELEFAX: (202) 833-8716
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US91-02942-23

Query Match 85.3%; Score 29; DB 5; Length 23;
Best Local Similarity 100.0%; Pred. No. 7.7; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0;

QY 2 VSNRFS 7
Db 11 VSNRFS 16

RESULT 10
PCT-US91-02942-39
Sequence 39, Application PC/TUS9102942
GENERAL INFORMATION:
APPLICANT: ROTHLEIN, ROBERT
APPLICANT: ADAIR, JOHN R.
APPLICANT: ATHWAL, DILJEET S.
TITLE OF INVENTION: HUMANIZED CDR-GRAFTED ICAM-1 ANTIBODY
NUMBER OF SEQUENCES: 102
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1225 Connecticut Ave. NW Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/02942
FILING DATE: 19910429
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9009549.8
FILING DATE: 27-APR-1990

ATTORNEY/AGENT INFORMATION:
NAME: FOX, SAM L.
REGISTRATION NUMBER: 30,353
REFERENCE/DOCKET NUMBER: 1011.0586600
TELEPHONE: (202) 466-0800
TELEFAX: (202) 833-8716
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US91-02942-39

Query Match 85.3%; Score 29; DB 5; Length 23;
Best Local Similarity 100.0%; Pred. No. 7.7; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0;

QY 2 VSNRFS 7
Db 11 VSNRFS 16

RESULT 11
US-08-525-539A-15
Sequence 15, Application US/08525539A
Patent No. 6309636
GENERAL INFORMATION:
APPLICANT: DO COUTO, FERNANDO J.R.
APPLICANT: CERIANI, ROBERTO L.
APPLICANT: PETERSON, JERRY A.
TITLE OF INVENTION: RECOMBINANT PEPTIDES DERIVED FROM THE
TITLE OF INVENTION: MC3 ANTI-BA46 ANTIBODY, METHODS OF USE THEREOF, AND
TITLE OF INVENTION: METHODS OF HUMANIZING ANTIBODY PEPTIDES
NUMBER OF SEQUENCES: 81
CORRESPONDENCE ADDRESS:
ADDRESSER: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/525,539A
FILING DATE: 14-SEP-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: DYLAN, TYLER
REGISTRATION NUMBER: 37,612
REFERENCE/DOCKET NUMBER: 27633-20001.21
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-525-539A-15

Query Match 85.3%; Score 29; DB 3; Length 31;
Best Local Similarity 100.0%; Pred. No. 11; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0;

QY 2 VSNRFS 7

Db 2 VSNRFS 7
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/02942
FILING DATE: 19910429
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9009549.8
FILING DATE: 27-APR-1990
ATTORNEY/AGENT INFORMATION:
NAME: FOX, SAM L
REGISTRATION NUMBER: 30,353
REFERENCE/DOCKET NUMBER: 1011.0586600
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 466-0800
TELEFAX: (202) 833-8716
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 50 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: peptide
PCT-US91-02942-8

Query Match 85.3%; Score 29; DB 5; Length 50;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
|||||
Db 6 VSNRFS 11

RESULT 14
PCT-US91-02942-9
Sequence 9, Application PC/TUS9102942
GENERAL INFORMATION:
APPLICANT: ROTHLEIN, ROBERT
APPLICANT: ADAIR, JOHN R
APPLICANT: ATHWAL, DILJEET S
TITLE OF INVENTION: HUMANIZED CDR-GRAFTED ICAM-1 ANTIBODY
NUMBER OF SEQUENCES: 102
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1225 Connecticut Ave. NW Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/02942
FILING DATE: 19910429
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9009549.8
FILING DATE: 27-APR-1990
ATTORNEY/AGENT INFORMATION:
NAME: FOX, SAM L
REGISTRATION NUMBER: 30,353
REFERENCE/DOCKET NUMBER: 1011.0586600
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 466-0800
TELEFAX: (202) 833-8716
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:

Db 2 VSNRFS 7
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/525,539A
FILING DATE: 14-SEP-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: DYLAN, TYLER
REGISTRATION NUMBER: 37,612
REFERENCE/DOCKET NUMBER: 27633-20001.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 34 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-525-539A-17

Query Match 85.3%; Score 29; DB 3; Length 34;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
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Db 2 VSNRFS 7

RESULT 13
PCT-US91-02942-8
Sequence 8, Application PC/TUS9102942
GENERAL INFORMATION:
APPLICANT: ROTHLEIN, ROBERT
APPLICANT: ADAIR, JOHN R
APPLICANT: ATHWAL, DILJEET S
TITLE OF INVENTION: HUMANIZED CDR-GRAFTED ICAM-1 ANTIBODY
NUMBER OF SEQUENCES: 102
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1225 Connecticut Ave. NW Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20036

Db 2 VSNRFS 7
|||||
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/525,539A
FILING DATE: 14-SEP-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: DYLAN, TYLER
REGISTRATION NUMBER: 37,612
REFERENCE/DOCKET NUMBER: 27633-20001.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 34 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-525-539A-17

Query Match 85.3%; Score 29; DB 3; Length 34;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 VSNRFS 7
|||||
Db 2 VSNRFS 7

RESULT 13
PCT-US91-02942-8
Sequence 8, Application PC/TUS9102942
GENERAL INFORMATION:
APPLICANT: ROTHLEIN, ROBERT
APPLICANT: ADAIR, JOHN R
APPLICANT: ATHWAL, DILJEET S
TITLE OF INVENTION: HUMANIZED CDR-GRAFTED ICAM-1 ANTIBODY
NUMBER OF SEQUENCES: 102
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1225 Connecticut Ave. NW Suite 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20036

Db 2 VSNRFS 7
|||||
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/02942
FILING DATE: 19910429
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9009549.8
FILING DATE: 27-APR-1990
ATTORNEY/AGENT INFORMATION:
NAME: FOX, SAM L
REGISTRATION NUMBER: 30,353
REFERENCE/DOCKET NUMBER: 1011.0586600
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 466-0800
TELEFAX: (202) 833-8716
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:

Job time : 3.78986 secs

; LENGTH: 50 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
PCT-US91-02942-9

Query Match 85.3%; Score 29; DB 5; Length 50;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 VSNRFS 7
Db 6 VSNRFS 11

RESULT 15

US-08-273-146-51
; Sequence 51, Application US/08273146
; Patent No. 5855885
; GENERAL INFORMATION:
; APPLICANT: Smith, Rodger
; APPLICANT: McCafferty, John
; APPLICANT: Chiswell, David
; APPLICANT: Darsley, Michael J.
; APPLICANT: Fitzgerald, Kevin
; APPLICANT: Kenten, John H.
; APPLICANT: Martin, Mark T.
; APPLICANT: Titmas, Richard C.
; APPLICANT: Williams, Richard O.
; TITLE OF INVENTION: The Isolation and Production of
; TITLE OF INVENTION: Catalytic Antibodies using Phage Technology
; NUMBER OF SEQUENCES: 71
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: IGEN, Inc.
; STREET: 1530 East Jefferson St.
; CITY: Rockville
; STATE: MD
; COUNTRY: USA
; ZIP: 20852
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/08/273,146
; APPLICATION NUMBER: US/08/273,146
; FILING DATE: 14-JUL-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ryan, John W.
; REGISTRATION NUMBER: 33,771
; REFERENCE/DOCKET NUMBER: 09000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 301-984-8000
; TELEFAX: 301-230-0158
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 65 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-273-146-51

Query Match 85.3%; Score 29; DB 2; Length 65;
Best Local Similarity 100.0%; Pred. No. 24;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 VSNRFS 7
Db 47 VSNRFS 52

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 18, 2004, 05:21:14 ; Search time 11.0326 Seconds
(without alignments)
224.688 Million cell updates/sec

Title: US-09-328-296-4

Perfect score: 34

Sequence: 1 TVSNRFS 7

Scoring table: BIOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1570615 seqs, 354127592 residues

Total number of hits satisfying chosen parameters: 1570615

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:
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10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep.*
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16: /cgn2_6/ptodata/1/pubpaa/US10D_PUBCOMB.pep.*
17: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
18: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep.*
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20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Prod. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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2	34	100.0	111	17	US-10-706-852-4
3	34	100.0	113	17	US-10-706-852-8
4	34	100.0	113	17	US-10-706-852-12
5	30	88.2	7	10	US-09-995-529-120
6	30	88.2	7	11	US-09-595-525-120
7	30	88.2	183	15	US-10-424-599-157798
8	30	88.2	937	14	US-10-369-493-3337
9	29	85.3	7	9	US-09-217-2688-30
10	29	85.3	7	9	US-09-796-744-9
11	29	85.3	7	10	US-09-518-737-9
12	29	85.3	7	10	US-09-563-222-30
13	29	85.3	7	10	US-09-995-529-34

Sequence 34, Appl
Sequence 6, Appl
Sequence 2, Appl
Sequence 22, Appl
Sequence 2, Appl
Sequence 30, Appl
Sequence 15, Appl
Sequence 17, Appl
Sequence 366129,
Sequence 29552, A
Sequence 33292, A
Sequence 27, Appl
Sequence 206376,
Sequence 39459, A
Sequence 1190, Ap
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Sequence 101, Appl
Sequence 99, Appl
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Sequence 28, Appl
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Sequence 78, Appl
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Sequence 82, Appl
Sequence 86, Appl
Sequence 25, Appl
Sequence 27, Appl
Sequence 28, Appl
Sequence 29, Appl
US-09-995-529-34
US-10-231-452-6
US-10-226-435A-2
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US-10-487-322-2
US-10-783-950-30
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US-09-956-206A-17
US-10-425-115-366129
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US-10-125-687-27
US-10-424-599-206376
US-09-864-761-39459
US-09-283-959-1190
US-10-308-817-99
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US-10-453-698-99
US-10-453-698-101
US-09-840-459-25
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US-10-308-817-25
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US-10-766-773-25
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US-10-766-773-28
US-10-766-773-29

ALIGNMENTS

RESULT 1

US-10-706-852-17
Sequence 17, Application US/10706852
Publication No. US20040219203A1
GENERAL INFORMATION:
APPLICANT: GRIFFITHS, GARY L.
APPLICANT: HANSEN, HANS J.
APPLICANT: GOLDENBERG, DAVID M.
APPLICANT: LUNDBERG, BO B.
TITLE OF INVENTION: ANTI-CD74 IMMUNOCONJUGATES AND METHODS
FILE REFERENCE: 40923-0079US
CURRENT APPLICATION NUMBER: US/10706,852
CURRENT FILING DATE: 2003-11-12
PRIOR APPLICATION NUMBER: 10/314,330
PRIOR FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: 09/965,796
PRIOR FILING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: 09/307,816
PRIOR FILING DATE: 1999-05-10
PRIOR APPLICATION NUMBER: 10/350,096
PRIOR FILING DATE: 2003-01-24
PRIOR APPLICATION NUMBER: 09/590,284
PRIOR FILING DATE: 2000-06-09
PRIOR APPLICATION NUMBER: 10/377,122
PRIOR FILING DATE: 2003-03-03
PRIOR APPLICATION NUMBER: 60/360,259
PRIOR FILING DATE: 2002-03-01
PRIOR APPLICATION NUMBER: 60/478,830
PRIOR FILING DATE: 2003-06-17
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 17
LENGTH: 7
TYPE: PRT
ORGANISM: Mus musculus
US-10-706-852-17

Query Match 100.0%; Score 34; DB 17; Length 111;
 Best Local Similarity 100.0%; Pred. No. 1.4e+06;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TVSNRFS 7
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 Db 1 TVSNRFS 7

RESULT 2
 US-10-706-852-4
 ; Sequence 4, Application US/10706852
 ; Publication No. US20040219203A1
 ; GENERAL INFORMATION:
 ; APPLICANT: GRIFFITHS, GARY L.
 ; APPLICANT: HANSEN, HANS J.
 ; APPLICANT: GOLDBERG, DAVID M.
 ; TITLE OF INVENTION: ANTI-CD74 IMMUNOCONJUGATES AND METHODS
 ; FILE REFERENCE: 40923-0079US
 ; CURRENT APPLICATION NUMBER: US/10706,852
 ; PRIOR FILING DATE: 2003-11-12
 ; PRIOR APPLICATION NUMBER: 10/314,330
 ; PRIOR FILING DATE: 2002-12-09
 ; PRIOR APPLICATION NUMBER: 09/965,796
 ; PRIOR FILING DATE: 2001-10-01
 ; PRIOR APPLICATION NUMBER: 09/307,816
 ; PRIOR FILING DATE: 1999-05-10
 ; PRIOR APPLICATION NUMBER: 10/350,096
 ; PRIOR FILING DATE: 2003-01-24
 ; PRIOR APPLICATION NUMBER: 09/590,284
 ; PRIOR FILING DATE: 2000-06-09
 ; PRIOR APPLICATION NUMBER: 10/377,122
 ; PRIOR FILING DATE: 2003-03-03
 ; PRIOR APPLICATION NUMBER: 60/360,259
 ; PRIOR FILING DATE: 2002-03-01
 ; PRIOR APPLICATION NUMBER: 60/478,830
 ; PRIOR FILING DATE: 2003-06-17
 ; NUMBER OF SEQ ID NOS: 21
 ; SOFTWARE: PatentIn Ver. 3.2
 ; SEQ ID NO 4
 ; LENGTH: 111
 ; TYPE: PRT
 ; ORGANISM: Mus musculus
 US-10-706-852-4

Query Match 100.0%; Score 34; DB 17; Length 111;
 Best Local Similarity 100.0%; Pred. No. 10;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TVSNRFS 7
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 Db 55 TVSNRFS 61

RESULT 3
 US-10-706-852-8
 ; Sequence 8, Application US/10706852
 ; Publication No. US20040219203A1
 ; GENERAL INFORMATION:
 ; APPLICANT: GRIFFITHS, GARY L.
 ; APPLICANT: HANSEN, HANS J.
 ; APPLICANT: GOLDBERG, DAVID M.
 ; TITLE OF INVENTION: ANTI-CD74 IMMUNOCONJUGATES AND METHODS
 ; FILE REFERENCE: 40923-0079US
 ; CURRENT APPLICATION NUMBER: US/10706,852
 ; PRIOR FILING DATE: 2003-11-12
 ; PRIOR APPLICATION NUMBER: 10/314,330
 ; PRIOR FILING DATE: 2002-12-09
 ; NUMBER OF SEQ ID NOS: 21
 ; SOFTWARE: PatentIn Ver. 3.2
 ; SEQ ID NO 8
 ; LENGTH: 113
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: humanized hLL1vk sequence
 US-10-706-852-12

; PRIOR APPLICATION NUMBER: 09/307,816
 ; PRIOR FILING DATE: 1999-05-10
 ; PRIOR APPLICATION NUMBER: 10/350,096
 ; PRIOR FILING DATE: 2003-01-24
 ; PRIOR APPLICATION NUMBER: 09/590,284
 ; PRIOR FILING DATE: 2000-06-09
 ; PRIOR APPLICATION NUMBER: 10/377,122
 ; PRIOR FILING DATE: 2003-03-03
 ; PRIOR APPLICATION NUMBER: 60/360,259
 ; PRIOR FILING DATE: 2002-03-01
 ; PRIOR APPLICATION NUMBER: 60/478,830
 ; PRIOR FILING DATE: 2003-06-17
 ; NUMBER OF SEQ ID NOS: 21
 ; SOFTWARE: PatentIn Ver. 3.2
 ; SEQ ID NO 8
 ; LENGTH: 113
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: chimeric cLL1vk sequence
 US-10-706-852-8

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 Best Local Similarity 100.0%; Pred. No. 11;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TVSNRFS 7
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 Db 55 TVSNRFS 61

RESULT 4
 US-10-706-852-12
 ; Sequence 12, Application US/10706852
 ; Publication No. US20040219203A1
 ; GENERAL INFORMATION:
 ; APPLICANT: GRIFFITHS, GARY L.
 ; APPLICANT: HANSEN, HANS J.
 ; APPLICANT: GOLDBERG, DAVID M.
 ; TITLE OF INVENTION: ANTI-CD74 IMMUNOCONJUGATES AND METHODS
 ; FILE REFERENCE: 40923-0079US
 ; CURRENT APPLICATION NUMBER: US/10706,852
 ; PRIOR FILING DATE: 2003-11-12
 ; PRIOR APPLICATION NUMBER: 10/314,330
 ; PRIOR FILING DATE: 2002-12-09
 ; PRIOR APPLICATION NUMBER: 09/965,796
 ; PRIOR FILING DATE: 2001-10-01
 ; PRIOR APPLICATION NUMBER: 09/307,816
 ; PRIOR FILING DATE: 1999-05-10
 ; PRIOR APPLICATION NUMBER: 10/350,096
 ; PRIOR FILING DATE: 2003-01-24
 ; PRIOR APPLICATION NUMBER: 09/590,284
 ; PRIOR FILING DATE: 2000-06-09
 ; PRIOR APPLICATION NUMBER: 10/377,122
 ; PRIOR FILING DATE: 2003-03-03
 ; PRIOR APPLICATION NUMBER: 60/360,259
 ; PRIOR FILING DATE: 2002-03-01
 ; PRIOR APPLICATION NUMBER: 60/478,830
 ; PRIOR FILING DATE: 2003-06-17
 ; NUMBER OF SEQ ID NOS: 21
 ; SOFTWARE: PatentIn Ver. 3.2
 ; SEQ ID NO 12
 ; LENGTH: 113
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: humanized hLL1vk sequence
 US-10-706-852-12

Query Match 100.0%; Score 34; DB 17; Length 113;
 Best Local Similarity 100.0%; Pred. No. 11;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 TVSNRFS 7
 Db 55 TVSNRFS 61

RESULT 5

US-09-995-529-120
 ; Sequence 120, Application US/09995529
 ; Publication No. US20030099655A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Watkins, Jeffrey D.
 ; APPLICANT: Huse, William D.
 ; APPLICANT: Tang, Ying
 ; TITLE OF INVENTION: Humanized Collagen Antibodies and
 ; TITLE OF INVENTION: Related Methods
 ; FILE REFERENCE: P-IX 4976
 ; CURRENT APPLICATION NUMBER: US/09/995,529
 ; CURRENT FILING DATE: 2001-11-26
 ; NUMBER OF SEQ ID NOS: 358
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 120
 ; LENGTH: 7
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: synthetic antibody mutation
 ; US-09-995-529-120

Query Match 88.2%; Score 30; DB 10; Length 7;
 Best Local Similarity 85.7%; Pred. No. 1.4e+06;
 Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TVSNRFS 7
 Db 1 SVSNRFS 7

RESULT 6

US-09-995-529-120
 ; Sequence 120, Application US/09995529
 ; Publication No. US20040091482A9
 ; GENERAL INFORMATION:
 ; APPLICANT: Watkins, Jeffrey D.
 ; APPLICANT: Huse, William D.
 ; APPLICANT: Tang, Ying
 ; TITLE OF INVENTION: Humanized Collagen Antibodies and
 ; TITLE OF INVENTION: Related Methods
 ; FILE REFERENCE: P-IX 4976
 ; CURRENT APPLICATION NUMBER: US/09/995,529
 ; CURRENT FILING DATE: 2001-11-26
 ; NUMBER OF SEQ ID NOS: 358
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 120
 ; LENGTH: 7
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: synthetic antibody mutation
 ; US-09-995-529-120

Query Match 88.2%; Score 30; DB 11; Length 7;
 Best Local Similarity 85.7%; Pred. No. 1.4e+06;
 Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TVSNRFS 7
 Db 1 SVSNRFS 7

RESULT 7

US-10-424-599-157798
 ; Sequence 157798, Application US/10424599

Publication No. US20040031072A1
 ; GENERAL INFORMATION:
 ; APPLICANT: La Rosa Thomas J
 ; APPLICANT: Kovalic David K
 ; APPLICANT: Zhou Yihua
 ; APPLICANT: Cao Yongwei
 ; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
 ; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
 ; FILE REFERENCE: 38-21(53223)B
 ; CURRENT APPLICATION NUMBER: US/10/424,599
 ; CURRENT FILING DATE: 2003-04-28
 ; NUMBER OF SEQ ID NOS: 285684
 ; SEQ ID NO 157798
 ; LENGTH: 183
 ; TYPE: PRT
 ; ORGANISM: Glycine max
 ; FEATURE:
 ; NAME/KEY: unsure
 ; LOCATION: (1)..(183)
 ; OTHER INFORMATION: unsure at all Xaa locations
 ; FEATURE:
 ; OTHER INFORMATION: Clone ID: PAT_MRT3847_113510C.1.pep
 ; US-10-424-599-157798

Query Match 88.2%; Score 30; DB 15; Length 183;
 Best Local Similarity 85.7%; Pred. No. 1.3e+02;
 Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TVSNRFS 7
 Db 41 SVSNRFS 47

RESULT 8

US-10-369-493-3337
 ; Sequence 3337, Application US/10369493
 ; Publication No. US20030233675A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Cao, Yongwei
 ; APPLICANT: Hinkle, Gregory J.
 ; APPLICANT: Slater, Steven C.
 ; APPLICANT: Goldman, Barry S.
 ; APPLICANT: Chen, Xianfeng
 ; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
 ; TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
 ; FILE REFERENCE: 38-10(52052)B
 ; CURRENT APPLICATION NUMBER: US/10/369,493
 ; CURRENT FILING DATE: 2003-02-28
 ; PRIOR APPLICATION NUMBER: US 60/360,039
 ; PRIOR FILING DATE: 2002-02-21
 ; NUMBER OF SEQ ID NOS: 47374
 ; SEQ ID NO 3337
 ; LENGTH: 937
 ; TYPE: PRT
 ; ORGANISM: Neurospora crassa
 ; FEATURE:
 ; NAME/KEY: unsure
 ; LOCATION: (1)..(937)
 ; OTHER INFORMATION: unsure at all Xaa locations
 ; US-10-369-493-3337

Query Match 88.2%; Score 30; DB 14; Length 937;
 Best Local Similarity 71.4%; Pred. No. 7.4e+02;
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 TVSNRFS 7
 Db 555 TITNRF 561

RESULT 9

US-09-217-268B-30
 ; Sequence 30, Application US/09217268B

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 18, 2004, 05:16:17 ; Search time 45.4348 Seconds
(without alignments)
166.398 Million cell updates/sec

Title: US-09-328-296-7

Perfect score: 610

Sequence: 1 EVQLQQSGPDIIVKGRSVKI.....YCARIGIYWHGHTLTIVSS 114

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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- 1: /cgn2_6/ptodata/1/iaa/5A COMB pep.*
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- 6: /cgn2_6/ptodata/1/iaa/6D COMB pep.*
- 7: /cgn2_6/ptodata/1/iaa/6E COMB pep.*
- 8: /cgn2_6/ptodata/1/iaa/6F COMB pep.*
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- 10: /cgn2_6/ptodata/1/iaa/6H COMB pep.*
- 11: /cgn2_6/ptodata/1/iaa/6I COMB pep.*
- 12: /cgn2_6/ptodata/1/iaa/6J COMB pep.*
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- 23: /cgn2_6/ptodata/1/iaa/6U COMB pep.*
- 24: /cgn2_6/ptodata/1/iaa/6V COMB pep.*
- 25: /cgn2_6/ptodata/1/iaa/6W COMB pep.*
- 26: /cgn2_6/ptodata/1/iaa/6X COMB pep.*
- 27: /cgn2_6/ptodata/1/iaa/6Y COMB pep.*
- 28: /cgn2_6/ptodata/1/iaa/6Z COMB pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	496	81.3	135	1	US-08-137-117D-27
2	496	81.3	135	2	US-08-436-717-27
3	488	80.0	137	2	US-08-116-778E-3
4	488	80.0	137	2	US-08-438-562-3
5	488	80.0	137	2	US-08-483-528B-93
6	487.5	79.9	301	2	US-08-656-906-25
7	487.5	79.9	301	3	US-09-217-847-25
8	487	79.8	118	4	US-09-647-468-139
9	487	79.8	118	4	US-09-647-468-140
10	487	79.8	118	4	US-09-647-468-153
11	487	79.8	137	4	US-09-647-468-154
12	485	79.5	128	1	US-08-202-047-21
13	485	79.5	128	1	US-09-964-690-21
14	483.5	79.3	115	3	US-08-838-682-8
15	483.5	79.3	115	3	US-08-895-914-8
16	483.5	79.3	115	3	US-09-357-710A-8
17	483.5	79.3	115	3	US-09-357-707-8
18	483.5	79.3	115	3	US-09-357-708-8
19	483.5	79.3	130	3	US-08-838-682-4
20	483.5	79.3	130	3	US-08-895-914-4
21	483.5	79.3	130	3	US-09-357-710A-4
22	483.5	79.3	130	4	US-09-357-707-4
23	483.5	79.3	130	4	US-09-357-708-4
24	482.5	79.1	243	1	US-08-230-843-4
25	482.5	79.1	243	2	US-08-636-936-4
26	480	78.7	139	2	US-08-116-778E-1
27	480	78.7	139	2	US-08-438-562-1

28 480 78.7 139 2 US-08-483-528B-91 Sequence 91, Appl
29 479 78.5 233 3 US-08-444-644-33 Sequence 33, Appl
30 479 78.5 233 3 US-08-232-246A-33 Sequence 33, Appl
31 479 78.5 235 3 US-08-444-644-19 Sequence 19, Appl
32 479 78.5 235 3 US-08-444-644-28 Sequence 28, Appl
33 479 78.5 235 3 US-08-444-644-42 Sequence 42, Appl
34 479 78.5 235 3 US-08-232-246A-19 Sequence 19, Appl
35 479 78.5 235 3 US-08-232-246A-28 Sequence 28, Appl
36 479 78.5 235 3 US-08-232-246A-42 Sequence 42, Appl
37 478 78.4 118 1 US-08-491-845-6 Sequence 6, Appl
38 477 78.2 116 1 US-07-634-278-56 Sequence 56, Appl
39 477 78.2 116 1 US-08-477-728-56 Sequence 56, Appl
40 477 78.2 116 1 US-08-474-040-56 Sequence 56, Appl
41 477 78.2 116 1 US-08-487-200-56 Sequence 56, Appl
42 477 78.2 116 3 US-08-484-537-56 Sequence 56, Appl
43 477 78.2 135 1 US-07-634-278-69 Sequence 69, Appl
44 477 78.2 135 1 US-08-477-728-69 Sequence 69, Appl
45 477 78.2 135 1 US-08-474-040-69 Sequence 69, Appl

ALIGNMENTS

RESULT 1
US-08-137-117D-27
; Sequence 27, Application US/08137117D
; Patent No. 5795965
; GENERAL INFORMATION:
; APPLICANT: TSUCHIYA, Masayuki
; APPLICANT: SATO, Koh
; APPLICANT: BENDIG, Mary
; APPLICANT: JONES, Steven
; APPLICANT: SALDANHA, Jose
; TITLE OF INVENTION: RESHAPED HUMAN ANTIBODY TO HUMAN
; TITLE OF INVENTION: INTERLEUKIN-6 RECEPTOR
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/137,117D
; FILING DATE: 20-DEC-1993
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/JP92/00544
; FILING DATE: 24-APR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 4-32084
; FILING DATE: 19-FEB-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 3-95476
; FILING DATE: 25-APR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: WEGNER, Harold C.
; REGISTRATION NUMBER: 25,258
; REFERENCE/DOCKET NUMBER: 53466/126/AAOK
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 135 amino acids
; TYPE: amino acid


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OTHER INFORMATION: /product= "HYPERVARIABLE REGION 2"
FEATURE:
NAME/KEY: domain
LOCATION: 99..107
IDENTIFICATION METHOD: BY SIMILARITY
IDENTIFICATION METHOD: WITH KNOWN SEQUENCE OR TO AN ESTABLISHED
IDENTIFICATION METHOD: CONSENSUS
OTHER INFORMATION: /product= "HYPERVARIABLE REGION 3"
US-08-116-778E-3

Query Match      80.0%; Score 488; DB 2; Length 137;
Best Local Similarity 79.7%; Pred. No. 4.8e-40;
Matches 94; Conservative 7; Mismatches 13; Indels 4; Gaps 1;

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RESULT 4
US-08-438-562-3
; Sequence 3, Application US/08438562
; Patent No. 5874255
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, KAZUYASU
; APPLICANT: KOIKE, MASAMICHI
; APPLICANT: SHITARA, KENYA
; APPLICANT: HANAI, NOBUO
; APPLICANT: KUWANA, YOSHIHISA
; APPLICANT: HASEGAWA, MAMORU
; TITLE OF INVENTION: HUMANIZED ANTIBODIES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/438,562
; FILING DATE: 10-MAY-95
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/116,778
; FILING DATE: 07-SEP-93
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: WILSON, MARY J.
; REGISTRATION NUMBER: 32,955
; REFERENCE/DOCKET NUMBER: 249-76
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4000
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 137 amino acids
; TYPE: amino acids
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FEATURE:
; NAME/KEY: sig_peptide
; LOCATION: -19..-1
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IDENTIFICATION METHOD: WITH KNOWN SEQUENCE OR TO AN ESTABLISHED
IDENTIFICATION METHOD: CONSENSUS
FEATURE:
NAME/KEY: domain
LOCATION: 31..35
IDENTIFICATION METHOD: BY SIMILARITY
IDENTIFICATION METHOD: WITH KNOWN SEQUENCE OR TO AN ESTABLISHED
IDENTIFICATION METHOD: CONSENSUS
OTHER INFORMATION: /product= "HYPERVARIABLE REGION 1"
FEATURE:
NAME/KEY: domain
LOCATION: 55..66
IDENTIFICATION METHOD: BY SIMILARITY
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OTHER INFORMATION: /product= "HYPERVARIABLE REGION 2"
FEATURE:
NAME/KEY: domain
LOCATION: 99..107
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IDENTIFICATION METHOD: WITH KNOWN SEQUENCE OR TO AN ESTABLISHED
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US-08-438-562-3

Query Match      80.0%; Score 488; DB 2; Length 137;
Best Local Similarity 79.7%; Pred. No. 4.8e-40;
Matches 94; Conservative 7; Mismatches 13; Indels 4; Gaps 1;

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Db 20 EVLOQSGPELVKPGASVKISCKASGYTFTDYNMDVWKQSHGKSLWIGYIPNNGTGY 79
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

QY 61 NQKFKGKAILTVDKSSSTAYMELSLTSDSAVYICAREGIYW----WGHGTTLTVSS 114
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 80 NQKFKSKATLTVDKSSSTAYMELSLTSDSAVYICARAGRIYYAWDQGGLTVTVA 137
   |||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

RESULT 5
US-08-483-528B-93
; Sequence 93, Application US/08483528B
; Patent No. 5939532
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, KAZUYASU
; APPLICANT: KOIKE, MASAMICHI
; APPLICANT: SHITARA, KENYA
; APPLICANT: HANAI, NOBUO
; APPLICANT: KUWANA, YOSHIHISA
; APPLICANT: HASEGAWA, MAMORU
; TITLE OF INVENTION: HUMANIZED ANTIBODIES
; NUMBER OF SEQUENCES: 103
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,528B
; FILING DATE: 07-JUN-95
; CLASSIFICATION: 536
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4000
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 93:
; SEQUENCE CHARACTERISTICS:
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LENGTH: 137 amino acids
TYPE: amino acids
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: sig_peptide
LOCATION: -19...1
IDENTIFICATION METHOD:
IDENTIFICATION METHOD:
IDENTIFICATION METHOD:
IDENTIFICATION METHOD:
IDENTIFICATION METHOD:
BY SIMILARITY WITH KNOWN SEQUENCE OR TO AN ESTABLISHED CONSENSUS
NAME/KEY: domain
LOCATION: 31..35
IDENTIFICATION METHOD:
IDENTIFICATION METHOD:
IDENTIFICATION METHOD:
IDENTIFICATION METHOD:
OTHER INFORMATION: /product= "HYPERVARIABLE REGION 1"
FEATURE:
NAME/KEY: domain
LOCATION: 55..66
IDENTIFICATION METHOD:
IDENTIFICATION METHOD:
IDENTIFICATION METHOD:
IDENTIFICATION METHOD:
OTHER INFORMATION: /product= "HYPERVARIABLE REGION 2"
FEATURE:
NAME/KEY: domain
LOCATION: 99..107
IDENTIFICATION METHOD:
IDENTIFICATION METHOD:
IDENTIFICATION METHOD:
IDENTIFICATION METHOD:
OTHER INFORMATION: /product= "HYPERVARIABLE REGION 3"
US-08-483-528B-93
Query Match 80.0%; Score 488; DB 2; Length 137;
Best Local Similarity 79.7%; Pred. No. 4.8e-40;
Matches 94; Conservative 7; Mismatches 13; Indels 4; Gaps 1;
Qy 1 EVQLQSGDPLVPGASVKISCKASGYSFTGYIHWVKQSHGKSLIEWIGRVIPNNGGTSY 60
Db 20 EVQLQSGDPLVPGASVKISCKASGYSFTGYIHWVKQSHGKSLIEWIGRVIPNNGGTSY 79
Qy 61 NQKFKGKALITVDKSSSTAYMELRLSLTSDSAVYVCAREGIY-----WGHGTTLTVS 114
Db 80 NQKFKGKALITVDKSSSTAYMELRLSLTSDSAVYVCAREGIYANDWNGQGLTIVSA 137
RESULT 6
US-08-656-906-25
Sequence 25, Application US/08656906
Patent No. 5972901
GENERAL INFORMATION:
APPLICANT: Ferkol Jr., Thomas W.
APPLICANT: Davis, Pamela B.
APPLICANT: Ziady, Assem-Galal
TITLE OF INVENTION: Serpin Enzyme Complex Receptor -
TITLE OF INVENTION: Mediated Gene Transfer
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Medlen & Carroll
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States Of America
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/656,906
FILING DATE: 03-JUN-1996
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/
FILING DATE: 03-JUN-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO WO 95/25809
FILING DATE: 23-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/216,534
FILING DATE: 23-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: CASE-02280
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 301 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-656-906-25
Query Match 79.9%; Score 487.5; DB 2; Length 301;
Best Local Similarity 79.3%; Pred. No. 1.3e-39;
Matches 96; Conservative 5; Mismatches 13; Indels 7; Gaps 1;
Qy 1 EVQLQSGDPLVPGASVKISCKASGYSFTGYIHWVKQSHGKSLIEWIGRVIPNNGGTSY 60
Db 127 EVQLQSGDPLVPGASVKISCKASGYSFTGYIHWVKQSHGKSLIEWIGRVIPNNGGTSY 186
Qy 61 NQKFKGKALITVDKSSSTAYMELRLSLTSDSAVYVCAREGIY-----WGHGTTLTVS 113
Db 187 NQKFKGKALITVDKSSSTAYMELRLSLTSDSAVYVCAREGIYVLSAMDYWGQGLTIVS 246
Qy 114 S 114
Db 247 S 247
RESULT 7
US-09-217-847-25
Sequence 25, Application US/09217847
Patent No. 620801
GENERAL INFORMATION:
APPLICANT: Ferkol Jr., Thomas W.
APPLICANT: Davis, Pamela B.
APPLICANT: Ziady, Assem-Galal
TITLE OF INVENTION: Serpin Enzyme Complex Receptor -
TITLE OF INVENTION: Mediated Gene Transfer
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Medlen & Carroll
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
COUNTRY: United States Of America
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/217,847
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/656,906
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO WO 95/25809

FILING DATE: 23-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/216,534
FILING DATE: 23-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: CASE-02280
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 301 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-217-847-25

Query Match
US-09-647-468-139
Best Local Similarity 79.9%; Score 487.5; DB 3; Length 301;
Matches 96; Conservative 5; Mismatches 13; Indels 7; Gaps 1;

QY 1 EVQLQSGPDLVKPGASVKISKASGYSTGYIHWKQSHGKSLIEWIGRVPINNGGTSY 60
DB 127 EVQLQSGPDLVKPGASVKISKASGYSTGYIHWKQSHGKSLIEWIGRVPINNGGTSY 186

QY 61 NQKFKGKATLTVDKSSSTAYMELRLSTSDSAVYYCAREGIY-----WWGHGTTLTVS 113
DB 187 NQKFKGKATLTVDKSSSTAYMELRLSTSDSAVYYCAREGIY-----WWGHGTTLTVS 246

QY 114 S 114
DB 247 S 247

RESULT 8
US-09-647-468-139
Sequence 139, Application US/09647468
Patent No. 6677436
GENERAL INFORMATION:
APPLICANT: SATO, KOH
APPLICANT: ADACHI, HIDEKI
APPLICANT: YABUTA, NACHIRO
TITLE OF INVENTION: HUMANIZED ANTIBODY AGAINST HUMAN TISSUE FACTOR (TF) AND
TITLE OF INVENTION: PROCESS OF PRODUCTION OF THE HUMANIZED ANTIBODY
FILE REFERENCE: 053466/0289
CURRENT APPLICATION NUMBER: US/09/647,468
PRIOR FILING DATE: 2000-09-29
PRIOR APPLICATION NUMBER: PCT/JP99/01768
PRIOR FILING DATE: 1999-04-02
PRIOR APPLICATION NUMBER: JP 10-91850
NUMBER OF SEQ ID NOS: 183
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 139
LENGTH: 118
TYPE: PRT
ORGANISM: Mus sp.
FEATURE:
OTHER INFORMATION: Amino acid sequence of H chain V region of anti-TF
OTHER INFORMATION: mouse monoclonal antibody ATR-2
US-09-647-468-139

Query Match
US-09-647-468-139
Best Local Similarity 80.5%; Score 487; DB 4; Length 118;
Matches 95; Conservative 8; Mismatches 11; Indels 4; Gaps 2;

QY 1 EVQLQSGPDLVKPGASVKISKASGYSTGYIHWKQSHGKSLIEWIGRVPINNGGTSY 60
DB 1 EIQLOQSGPELVKPGASVKSVKSCASGYSTGYIHWKQSHGKSLIEWIGRVPINNGGTSY 60

QY 61 NQKFKGKATLTVDKSSSTAYMELRLSTSDSAVYYCAR--EGIY--WWGHGTTLTVS 114
DB 61 NQKFKGKATLTVDKSSSTAYMELRLSTSDSAVYYCARGEGYFYDYWGQGTTLTVSS 118

QY 61 NQKFKGKATLTVDKSSSTAYMELRLSTSDSAVYYCARGEGYFYDYWGQGTTLTVSS 118

RESULT 9
US-09-647-468-140
Sequence 140, Application US/09647468
Patent No. 6677436
GENERAL INFORMATION:
APPLICANT: SATO, KOH
APPLICANT: ADACHI, HIDEKI
APPLICANT: YABUTA, NACHIRO
TITLE OF INVENTION: HUMANIZED ANTIBODY AGAINST HUMAN TISSUE FACTOR (TF) AND
TITLE OF INVENTION: PROCESS OF PRODUCTION OF THE HUMANIZED ANTIBODY
FILE REFERENCE: 053466/0289
CURRENT APPLICATION NUMBER: US/09/647,468
PRIOR FILING DATE: 2000-09-29
PRIOR APPLICATION NUMBER: PCT/JP99/01768
PRIOR FILING DATE: 1999-04-02
PRIOR APPLICATION NUMBER: JP 10-91850
NUMBER OF SEQ ID NOS: 183
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 140
LENGTH: 118
TYPE: PRT
ORGANISM: Mus sp.
FEATURE:
OTHER INFORMATION: Amino acid sequence of H chain V region of anti-TF
OTHER INFORMATION: mouse monoclonal antibody ATR-3
US-09-647-468-140

Query Match
US-09-647-468-153
Best Local Similarity 80.5%; Score 487; DB 4; Length 118;
Matches 95; Conservative 8; Mismatches 11; Indels 4; Gaps 2;

QY 1 EVQLQSGPDLVKPGASVKISKASGYSTGYIHWKQSHGKSLIEWIGRVPINNGGTSY 60
DB 1 EIQLOQSGPELVKPGASVKSVKSCASGYSTGYIHWKQSHGKSLIEWIGRVPINNGGTSY 60

QY 61 NQKFKGKATLTVDKSSSTAYMELRLSTSDSAVYYCAR--EGIY--WWGHGTTLTVS 114
DB 61 NQKFKGKATLTVDKSSSTAYMELRLSTSDSAVYYCARGEGYFYDYWGQGTTLTVSS 118

RESULT 10
US-09-647-468-153
Sequence 153, Application US/09647468
Patent No. 6677436
GENERAL INFORMATION:
APPLICANT: SATO, KOH
APPLICANT: ADACHI, HIDEKI
APPLICANT: YABUTA, NACHIRO
TITLE OF INVENTION: HUMANIZED ANTIBODY AGAINST HUMAN TISSUE FACTOR (TF) AND
TITLE OF INVENTION: PROCESS OF PRODUCTION OF THE HUMANIZED ANTIBODY
FILE REFERENCE: 053466/0289
CURRENT APPLICATION NUMBER: US/09/647,468
PRIOR FILING DATE: 2000-09-29
PRIOR APPLICATION NUMBER: PCT/JP99/01768
PRIOR FILING DATE: 1999-04-02
PRIOR APPLICATION NUMBER: JP 10-91850
NUMBER OF SEQ ID NOS: 183
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 153
LENGTH: 137
TYPE: PRT
ORGANISM: Mus sp.
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Amino acid
OTHER INFORMATION: sequence coding for H chain V region of anti-TF
OTHER INFORMATION: mouse monoclonal antibody ATR-2
US-09-647-468-153

```

Query Match      79.8%; Score 487; DB 4; Length 137;
Best Local Similarity 80.5%; Pred. No. 6e-40;
Matches 95; Conservative 8; Mismatches 11; Indels 4; Gaps 2;

QY 1 EVLOQSGDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVIPNNGTSY 60
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 20 EILOQSGDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVIPNNGTSY 79
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

QY 61 NQKFKGKALLTVDKSSSTAYMELRLSLTSDSAVYYCAR--EGIY--WGHGTTLTSS 114
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 80 NQKFKGKALLTVDKSSSTAYMELRLSLTSDSAVYYCARGGEGYDYWGQGTTLTSS 137
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

RESULT 11
US-09-647-468-154
; Sequence 154, Application US/09647468
; Patent No. 6677436
; GENERAL INFORMATION:
; APPLICANT: SATO, KOH
; APPLICANT: ADACHI, HIDEKI
; APPLICANT: YABUTA, NAOHRO
; TITLE OF INVENTION: HUMANIZED ANTIBODY AGAINST HUMAN TISSUE FACTOR (TF) AND
; FILE REFERENCE: 053466/0289
; CURRENT APPLICATION NUMBER: US/09/647,468
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: PCT/JP99/01768
; PRIOR FILING DATE: 1999-04-02
; PRIOR APPLICATION NUMBER: JP 10-91850
; PRIOR FILING DATE: 1998-04-03
; NUMBER OF SEQ ID NOS: 183
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 154
; LENGTH: 137
; TYPE: PRT
; ORGANISM: Mus sp.
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Amino acid
; OTHER INFORMATION: sequence coding for H chain V region of ant-TF
; OTHER INFORMATION: mouse monoclonal antibody ATR-3
US-09-647-468-154

Query Match      79.8%; Score 487; DB 4; Length 137;
Best Local Similarity 80.5%; Pred. No. 6e-40;
Matches 95; Conservative 8; Mismatches 11; Indels 4; Gaps 2;

QY 1 EVLOQSGDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVIPNNGTSY 60
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 20 EILOQSGDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVIPNNGTSY 79
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

QY 61 NQKFKGKALLTVDKSSSTAYMELRLSLTSDSAVYYCAR--EGIY--WGHGTTLTSS 114
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 80 NQKFKGKALLTVDKSSSTAYMELRLSLTSDSAVYYCARGGEGYDYWGQGTTLTSS 137
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

RESULT 12
US-08-202-047-21
; Sequence 21, Application US/08202047
; Patent No. 580815
; GENERAL INFORMATION:
; APPLICANT: CHESNUT, Robert W.
; APPLICANT: POLLEY, Margaret J.
; APPLICANT: PAULSON, James C.
; APPLICANT: JONES, S. Tarran
; APPLICANT: SALDANHA, Jose W.
; APPLICANT: BENDIG, Mary M.
; TITLE OF INVENTION: Antibodies to P-Selectin and Their Uses
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourie and Crew
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco

```

```

; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/202,047
; FILING DATE: 25-FEB-1994
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M.
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 14137-77
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-326-2400
; TELEFAX: 415-326-2422
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 128 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FEATURE:
; NAME/KEY: Protein
; LOCATION: 1..128
; OTHER INFORMATION: /label= MOUSE_IIA
;
Query Match      79.5%; Score 485; DB 1; Length 128;
Best Local Similarity 74.2%; Pred. No. 8.6e-40;
Matches 95; Conservative 8; Mismatches 11; Indels 14; Gaps 1;

QY 1 EVLOQSGDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVIPNNGTSY 60
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 1 EVLOQSGDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVIPNNGTSY 60
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

QY 61 NQKFKGKALLTVDKSSSTAYMELRLSLTSDSAVYYCAREGIY-----WWGH 106
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 61 NQKFKGKALLTVDKSSSTAYMELRLSLTSDSAVYYCAREGIY-----WWGH 120
   |||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

QY 107 GTTLTVSS 114
   |||:|||||
Db 121 GTTLTVSS 128
   |||:|||||

RESULT 13
US-08-964-690-21
; Sequence 21, Application US/08964690
; Patent No. 6033667
; GENERAL INFORMATION:
; APPLICANT: CHESNUT, Robert W.
; APPLICANT: POLLEY, Margaret J.
; APPLICANT: PAULSON, James C.
; APPLICANT: JONES, S. Tarran
; APPLICANT: SALDANHA, Jose W.
; APPLICANT: BENDIG, Mary M.
; TITLE OF INVENTION: Antibodies to P-Selectin and Their Uses
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourie and Crew
; STREET: One Market Plaza, Steuart Tower, Suite 2000
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

```

SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/964,690
FILING DATE: 18-JUL-1996
ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 19603/1172
TELEPHONE: (716) 263-1304
TELEFAX: (716) 263-1600
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 115 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-964-690-21

Query Match 79.5%; Score 485; DB 3; Length 128;
Best Local Similarity 74.2%; Pred. No. 8.6e-40;
Matches 95; Conservative 8; Mismatches 11; Indels 14; Gaps 1;
QY 1 EVLOQSGPDLVKPGASVKISCKASGYFTGYIHWVKQSHGKSLGWIGRVPNNGGTSY 60
Db 1 EVLOQSGPDLVKPGASVKISCKASGYFTGYIHWVKQSHGKSLGWIGRVPNNGGTSY 60
QY 61 NQKFKGKAILTVDKSSSTAYMELRLSLTSDSAVYYCAREGIY-----WGH 106
Db 61 NQKFKGKAILTVDKSSSTAYMELRLSLTSDSAVYYCAREGIYSSVMYKXXYYAFDYWGQ 120
QY 107 GTTLTVSS 114
Db 121 GTTVTVSS 128

RESULT 14
US-08-838-682-8
Sequence 8, Application US/08838682
Patent No. 6107090
GENERAL INFORMATION:
APPLICANT: Bander, Neil H.
TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF PROSTATE
CANCER
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
STREET: Clinton Square, P.O. Box 1051
CITY: Rochester
STATE: New York
COUNTRY: U.S.A.
ZIP: 14603-1051
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,682
FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/016,976
FILING DATE: 06-MAY-1996

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/022,125
FILING DATE: 18-JUL-1996
ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 19603/1172
TELEPHONE: (716) 263-1304
TELEFAX: (716) 263-1600
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 115 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-838-682-8

Query Match 79.3%; Score 483.5; DB 3; Length 115;
Best Local Similarity 80.9%; Pred. No. 1.1e-39;
Matches 93; Conservative 8; Mismatches 13; Indels 1; Gaps 1;
QY 1 EVLOQSGPDLVKPGASVKISCKASGYFTGYIHWVKQSHGKSLGWIGRVPNNGGTSY 60
Db 1 EVLOQSGPDLVKPGASVKISCKASGYFTGYIHWVKQSHGKSLGWIGRVPNNGGTSY 60
QY 61 NQKFKGKAILTVDKSSSTAYMELRLSLTSDSAVYYCAREGIY-WWGHGTTTLTVSS 114
Db 61 NQKFKGKAILTVDKSSSTAYMELRLSLTSDSAVYYCAREGIYCAAGNFDYWGQTTTLTVSS 115

RESULT 15
US-08-895-914-8
Sequence 8, Application US/08895914
Patent No. 6136311
GENERAL INFORMATION:
APPLICANT: Bander, Neil H.
TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
STREET: Clinton Square, P.O. Box 1051
CITY: Rochester
STATE: New York
COUNTRY: U.S.A.
ZIP: 14603-1051
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/895,914
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/016,976
FILING DATE: 06-MAY-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/022,125
FILING DATE: 18-JUL-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/838,682
FILING DATE: 09-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 19603/1173
TELEPHONE: (716) 263-1304
TELEFAX: (716) 263-1600
INFORMATION FOR SEQ ID NO: 8:

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 115 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-895-914-8

Query Match      79.3%; Score 483.5; DB 3; Length 115;
Best Local Similarity 80.9%; Pred. No. 1.1e-39;
Matches 93; Conservative 8; Mismatches 13; Indels 1; Gaps 1;

QY 1 EVQLQSGPDLVPGASVKISCKASGYSFTGYIHVVKQSHGKSLIEWIGRVIIPNNGTSY 60
Db 1 EVQLQSGPELVKPGTSTVRISCKTSGYTFETIHWVKQSHGKSLIEWIGNINPNNGGITY 60

QY 61 NQKFKGKAILTVDKSSSTAYMELRLSLTSEDSAVYYCAREGIY-WVGHGTTLTVSS 114
Db 61 NQKFKDKATLTVDKSSSTAYMELRLSLTSEDSAVYYCAGWNFYWGQGTTLTVSS 115

```

Search completed: November 18, 2004, 05:25:40
Job time : 47.4348 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 18, 2004, 05:21:14 ; Search time 179.674 Seconds
(without alignments)
224.688 Million cell updates/sec

Title: US-09-328-296-7
Perfect score: 610
Sequence: 1 EVOLQSGPLVKGASVKI.....YCARSGIYVWGHGTTITVSS 114

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1570615 seqs, 354127592 residues

Total number of hits satisfying chosen parameters: 1570615

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep.*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep.*
6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep.*
7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep.*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep.*
10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep.*
11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
16: /cgn2_6/ptodata/1/pubpaa/US10D_PUBCOMB.pep.*
17: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
18: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep.*
19: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	504	82.6	243	16	US-10-334-235-37
2	504	82.6	488	16	US-10-334-235-39
3	504	82.6	600	16	US-10-334-235-38
4	494	81.0	672	10	US-09-900-766-1
5	487	79.8	118	15	US-10-462-062-139
6	487	79.8	118	15	US-10-462-062-140
7	487	79.8	137	15	US-10-462-062-153
8	487	79.8	137	15	US-10-462-062-154
9	483.5	79.3	115	10	US-09-929-665-8
10	483.5	79.3	115	10	US-09-929-665-4
11	483.5	79.3	130	10	US-09-929-665-4
12	483.5	79.3	130	10	US-09-929-546-4
13	480.5	78.8	136	16	US-10-768-193-7
					Sequence 37, Appl
					Sequence 39, Appl
					Sequence 38, Appl
					Sequence 1, Appl
					Sequence 139, App
					Sequence 140, App
					Sequence 153, App
					Sequence 154, App
					Sequence 8, Appl
					Sequence 4, Appl
					Sequence 4, Appl
					Sequence 7, Appl

14	480.5	78.8	264	14	US-10-114-716A-46
15	479.5	78.6	121	17	US-10-789-080-7
16	477.5	78.3	115	14	US-10-160-506-19
17	477.5	78.3	115	16	US-10-449-379-19
18	477.5	78.3	115	16	US-10-688-015-19
19	477.5	78.3	115	17	US-10-160-505-19
20	477.5	78.2	116	14	US-10-389-155-15
21	477.5	78.2	116	15	US-10-389-417-15
22	477.5	78.2	116	15	US-10-452-357-56
23	477.5	78.2	135	14	US-10-389-155-60
24	477.5	78.2	135	15	US-10-389-417-60
25	477.5	78.2	135	15	US-10-452-357-69
26	475.5	78.0	121	14	US-10-422-049-5
27	475.5	77.9	139	15	US-10-365-123-28
28	474.5	77.8	125	10	US-09-929-665-20
29	474.5	77.8	125	10	US-09-929-546-20
30	474.5	77.8	125	14	US-10-160-506-79
31	474.5	77.8	125	16	US-10-449-379-79
32	474.5	77.8	125	16	US-10-688-015-79
33	474.5	77.8	125	17	US-10-160-505-79
34	474.5	77.7	152	16	US-10-642-120-2
35	474.5	77.7	152	16	US-10-642-060-2
36	474.5	77.7	152	16	US-10-642-122-2
37	474.5	77.7	152	16	US-10-642-124-2
38	474.5	77.7	152	16	US-10-621-369-2
39	474.5	77.7	152	16	US-10-620-850-2
40	474.5	77.7	152	17	US-10-642-118-2
41	474.5	77.7	152	17	US-10-642-117-2
42	474.5	77.7	152	17	US-10-642-119-2
43	474.5	77.7	152	17	US-10-642-099-2
44	473.5	77.5	120	15	US-10-372-719-2
45	471.5	77.3	117	15	US-10-383-447-14

ALIGNMENTS

RESULT 1

US-10-334-235-37
; Sequence 37, Application US/10334235
; Publication No. US20040131591A1
; GENERAL INFORMATION:
; APPLICANT: Oxford Biomedica (UK) Ltd.
; APPLICANT: Kingsman, Alan
; APPLICANT: Bebbington, Christopher
; APPLICANT: Carroll, Miles
; APPLICANT: Ellard, Fiona
; APPLICANT: Kingsman, Susan
; APPLICANT: Myers, Kevin
; APPLICANT: Lamikandra, Abigail
; TITLE OF INVENTION: VECTOR SYSTEM
; FILE REFERENCE: 532682000920
; CURRENT APPLICATION NUMBER: US/10/334,235
; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 10/060,585
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: PCT/GB00/04317
; PRIOR FILING DATE: 2000-11-13
; PRIOR APPLICATION NUMBER: US 09/445,375
; PRIOR FILING DATE: 1998-06-04
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 37
; LENGTH: 243
; TYPE: FRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: mature secreted protein of 574 scFv, designated
; OTHER INFORMATION: 574scFv.1
US-10-334-235-37

Query Match 82.6%; Score 504; DB 16; Length 243;
Best Local Similarity 81.7%; Pred. No. 8.9e-40;

Matches 98; Conservative 7; Mismatches 9; Indels 6; Gaps 1;
QY 1 EVLOQSGPDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVIPNNGGTSY 60
Db 1 EVLOQSGPDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVIPNNGGTSY 60
QY 61 NQKFKGKAILTVDKSSSTAYMELSLTSEDSAVVYCARSTMITNVMYDYGQVTSVTVSS 114
Db 61 NQKFKGKAILTVDKSSSTAYMELSLTSEDSAVVYCARSTMITNVMYDYGQVTSVTVSS 120

RESULT 2

US-10-334-235-39
; Sequence 39, Application US/10334235
; Publication No. US20040131591A1
; GENERAL INFORMATION:
; APPLICANT: Oxford Biomedica (UK) Ltd.
; APPLICANT: Kingsman, Alan
; APPLICANT: Bebbington, Christopher
; APPLICANT: Carroll, Miles
; APPLICANT: Ellard, Fiona
; APPLICANT: Kingsman, Susan
; APPLICANT: Myers, Kevin
; APPLICANT: Lamikandra, Abigail
; TITLE OF INVENTION: VECTOR SYSTEM
; FILE REFERENCE: 532682000920
; CURRENT APPLICATION NUMBER: US/10/334,235
; PRIOR FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 10/060,585
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: PCT/GB00/04317
; PRIOR FILING DATE: 2000-11-13
; PRIOR APPLICATION NUMBER: US 09/445,375
; PRIOR FILING DATE: 1998-06-04
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 39
; LENGTH: 488
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: peptide of B7-1.5T4.1
US-10-334-235-39

Query Match 82.6%; Score 504; DB 16; Length 488;
Best Local Similarity 81.7%; Pred. No. 1.9e-39;
Matches 98; Conservative 7; Mismatches 9; Indels 6; Gaps 1;
QY 1 EVLOQSGPDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVIPNNGGTSY 60
Db 247 EVLOQSGPDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVIPNNGGTSY 306
QY 61 NQKFKGKAILTVDKSSSTAYMELSLTSEDSAVVYCARSTMITNVMYDYGQVTSVTVSS 114
Db 307 NQKFKGKAILTVDKSSSTAYMELSLTSEDSAVVYCARSTMITNVMYDYGQVTSVTVSS 366

RESULT 3

US-10-334-235-38
; Sequence 38, Application US/10334235
; Publication No. US20040131591A1
; GENERAL INFORMATION:
; APPLICANT: Oxford Biomedica (UK) Ltd.
; APPLICANT: Kingsman, Alan
; APPLICANT: Bebbington, Christopher
; APPLICANT: Carroll, Miles
; APPLICANT: Ellard, Fiona
; APPLICANT: Kingsman, Susan
; APPLICANT: Myers, Kevin
; APPLICANT: Lamikandra, Abigail
; TITLE OF INVENTION: VECTOR SYSTEM
; FILE REFERENCE: 532682000920
; CURRENT APPLICATION NUMBER: US/10/334,235

; CURRENT FILING DATE: 2002-12-30
; PRIOR APPLICATION NUMBER: US 10/060,585
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: PCT/GB00/04317
; PRIOR FILING DATE: 2000-11-13
; PRIOR APPLICATION NUMBER: US 09/445,375
; PRIOR FILING DATE: 1998-06-04
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 38
; LENGTH: 600
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: peptide of 5T4Sab1
US-10-334-235-38

Query Match 82.6%; Score 504; DB 16; Length 600;
Best Local Similarity 81.7%; Pred. No. 2.4e-39;
Matches 98; Conservative 7; Mismatches 9; Indels 6; Gaps 1;
QY 1 EVLOQSGPDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVIPNNGGTSY 60
Db 23 EVLOQSGPDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVIPNNGGTSY 82
QY 61 NQKFKGKAILTVDKSSSTAYMELSLTSEDSAVVYCARSTMITNVMYDYGQVTSVTVSS 114
Db 83 NQKFKGKAILTVDKSSSTAYMELSLTSEDSAVVYCARSTMITNVMYDYGQVTSVTVSS 142

RESULT 4

US-09-900-766-1
; Sequence 1, Application US/09900766
; Publication No. US20030039655A1
; GENERAL INFORMATION:
; APPLICANT: FORSBERG, GORAN
; APPLICANT: ERLANDSSON, EVA
; APPLICANT: ANTONSSON, PER
; APPLICANT: WALSE, BJORN
; TITLE OF INVENTION: A NOVEL ENGINEERED SUPERANTIGEN FOR HUMAN THERAPY
; FILE REFERENCE: P02188050;1004199
; CURRENT APPLICATION NUMBER: US/09/900,766
; CURRENT FILING DATE: 2001-07-06
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 672
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(672)
; OTHER INFORMATION: Conjugate protein
US-09-900-766-1

Query Match 81.0%; Score 494; DB 10; Length 672;
Best Local Similarity 80.0%; Pred. No. 2.4e-38;
Matches 96; Conservative 7; Mismatches 11; Indels 6; Gaps 1;

QY 1 EVLOQSGPDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVIPNNGGTSY 60
Db 1 EVLOQSGPDLVKPGASVKISCKASGYSTGYIHWKQSHGKSLWIGRVIPNNGGTSY 60
QY 61 NQKFKGKAILTVDKSSSTAYMELSLTSEDSAVVYCARSTMITNVMYDYGQVTSVTVSS 114
Db 61 NQKFKGKAILTVDKSSSTAYMELSLTSEDSAVVYCARSTMITNVMYDYGQVTSVTVSS 120

RESULT 5

US-10-462-062-139
; Sequence 139, Application US/10462062
; Publication No. US20040044187A1
; GENERAL INFORMATION:


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Matches 95; Conservative 8; Mismatches 11; Indels 4; Gaps 2;

QY 1 EVOLQSGPDLVKPGASVKISKASGYSTGYTHHWKQSHGKSLWIGRVPNNGGTSY 60
    :|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 20 EIQLQSGPELVKPGASVKISKASGYSTGYTHHWKQSHGKSLWIGRVPNNGGTSY 79
    :|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 61 NQKFKGKAILTVDKSSSTAYMELRLTSDSAVYYCAREGIY-WWGHGTTTLTVSS 114
    :|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 80 NQKFKGKAILTVDKSSSTAYMELRLTSDSAVYYCAREGIY-WWGHGTTTLTVSS 137
    :|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

RESULT 9
US-09-929-665-8
; Sequence 8, Application US/09929665
; Publication No. US2003003101A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF PROSTATE CANCER
; FILE REFERENCE: Lois M. Kwasigroch: BZL 242/024
; CURRENT APPLICATION NUMBER: US/09/929,665
; CURRENT FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 09/357,704
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 115
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-929-665-8

Query Match 79.3%; Score 483.5; DB 10; Length 115;
Best Local Similarity 80.9%; Pred. No. 3.5e-38;
Matches 93; Conservative 8; Mismatches 13; Indels 1; Gaps 1;

QY 1 EVOLQSGPDLVKPGASVKISKASGYSTGYTHHWKQSHGKSLWIGRVPNNGGTSY 60
    :|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 1 EVOLQSGPELVKPGTSVRISCKTSGYTFTHHWKQSHGKSLWIGRVPNNGGTSY 60
    :|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 61 NQKFKGKAILTVDKSSSTAYMELRLTSDSAVYYCAREGIY-WWGHGTTTLTVSS 114
    :|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 61 NQKFKGKAILTVDKSSSTAYMELRLTSDSAVYYCAREGIY-WWGHGTTTLTVSS 115
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RESULT 10
US-09-929-546-8
; Sequence 8, Application US/09929546
; Publication No. US20030031673A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
; FILE REFERENCE: Lois M. Kwasigroch: BZL 242/028
; CURRENT APPLICATION NUMBER: US/09/929,546
; CURRENT FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 09/357,708
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 115
; TYPE: PRT
US-09-929-546-8

Query Match 79.3%; Score 483.5; DB 10; Length 115;
Best Local Similarity 80.9%; Pred. No. 3.5e-38;
Matches 93; Conservative 8; Mismatches 13; Indels 1; Gaps 1;

QY 1 EVOLQSGPDLVKPGASVKISKASGYSTGYTHHWKQSHGKSLWIGRVPNNGGTSY 60
    :|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 1 EVOLQSGPELVKPGTSVRISCKTSGYTFTHHWKQSHGKSLWIGRVPNNGGTSY 60
    :|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 61 NQKFKGKAILTVDKSSSTAYMELRLTSDSAVYYCAREGIY-WWGHGTTTLTVSS 114
    :|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 61 NQKFKGKAILTVDKSSSTAYMELRLTSDSAVYYCAREGIY-WWGHGTTTLTVSS 115
    :|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

RESULT 11
US-09-929-665-4
; Sequence 4, Application US/09929665
; Publication No. US20030003101A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF PROSTATE CANCER
; FILE REFERENCE: Lois M. Kwasigroch: BZL 242/024
; CURRENT APPLICATION NUMBER: US/09/929,665
; CURRENT FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 09/357,704
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 130
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-929-665-4

Query Match 79.3%; Score 483.5; DB 10; Length 130;
Best Local Similarity 80.9%; Pred. No. 4e-38;
Matches 93; Conservative 8; Mismatches 13; Indels 1; Gaps 1;

QY 1 EVOLQSGPDLVKPGASVKISKASGYSTGYTHHWKQSHGKSLWIGRVPNNGGTSY 60
    :|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 11 EVOLQSGPELVKPGTSVRISCKTSGYTFTHHWKQSHGKSLWIGRVPNNGGTSY 70
    :|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
QY 61 NQKFKGKAILTVDKSSSTAYMELRLTSDSAVYYCAREGIY-WWGHGTTTLTVSS 114
    :|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:
Db 71 NQKFKGKAILTVDKSSSTAYMELRLTSDSAVYYCAREGIY-WWGHGTTTLTVSS 125
    :|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:|||||:

RESULT 12
US-09-929-546-4
; Sequence 4, Application US/09929546
; Publication No. US20030031673A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
; FILE REFERENCE: Lois M. Kwasigroch: BZL 242/028
; CURRENT APPLICATION NUMBER: US/09/929,546
; CURRENT FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 09/357,708
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
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; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 130
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-929-546-4

Query Match
Best Local Similarity 79.3%; Score 483.5; DB 10; Length 130;
Matches 93; Conservative 8; Mismatches 13; Indels 1; Gaps 1;

Qy 1 EVOLQOQSGPDLVKPGASVKISCKASGYFTGYIHWVKQSHGKSLIEWIGRVIPIPNNGGTSY 60
Db 11 EVOLQOQSGPELVKPGTISVRISCKTSGYTFTEYIHWVKQSHGKSLIEWIGNINENGGTTY 70
Qy 61 NQKFKGKAILTVDKSSSTAYMELRLTSDSAVYICAREGIY-WWGHGTTTLTVSS 114
Db 71 NQKFKGKATLTVDKSSSTAYMELRLTSDSAVYICAREGIY-WWGHGTTTLTVSS 125

RESULT 13
US-10-768-193-7
; Sequence 7, Application US/10768193
; Publication No. US20040181042A1
; GENERAL INFORMATION:
; APPLICANT: MEDICAL & BIOLOGICAL LABORATORIES CO., LTD.
; APPLICANT: The director of Chubu National Hospital
; APPLICANT: YANAGISAWA, Katsuhiko
; APPLICANT: SHIBATA, Masao
; TITLE OF INVENTION: Antibody recognizing GM1 ganglioside-bound
; FILE REFERENCE: P0102402
; CURRENT APPLICATION NUMBER: US/10/768,193
; CURRENT FILING DATE: 2004-02-02
; PRIOR APPLICATION NUMBER: JP P2001-235700
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: PCT/JP02/07874
; PRIOR FILING DATE: 2002-08-01
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 136
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-768-193-7

Query Match
Best Local Similarity 78.8%; Score 480.5; DB 16; Length 136;
Matches 95; Conservative 4; Mismatches 14; Indels 5; Gaps 2;

Qy 1 EVOLQOQSGPDLVKPGASVKISCKASGYFTGYIHWVKQSHGKSLIEWIGRVIPIPNNGGTSY 60
Db 20 EVOLQOQSGPELVKPGASVKISCKASGYFTGYIHWVKQSHGKSLIEWIGYISCVNGATSY 79
Qy 61 NQKFKGKAILTVDKSSSTAYMELRLTSDSAVYICAREGIY-WWGHGTTTLTVSS 114
Db 80 NQKFKGKATLTVDTSSSTAYMELRLTSDSAVYICAR-GANWVFDYWGQTTTLTVSS 136

RESULT 14
US-10-114-716A-46
; Sequence 46, Application US/10114716A
; Publication No. US20030078203A1
; GENERAL INFORMATION:
; APPLICANT: Sudhir Paul
; APPLICANT: Yasuhiro Nishiyama
; TITLE OF INVENTION: Covalently Reactive Transition State
; FILE REFERENCE: UTH001HB
; CURRENT APPLICATION NUMBER: US/10/114,716A
; CURRENT FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 09/862,849

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; PRIOR FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: 09/046,373
; PRIOR FILING DATE: 1998-03-23
; PRIOR APPLICATION NUMBER: 60/280,624
; PRIOR FILING DATE: 2001-03-31
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 46
; LENGTH: 264
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-114-716A-46

Query Match
Best Local Similarity 78.8%; Score 480.5; DB 14; Length 264;
Matches 92; Conservative 9; Mismatches 13; Indels 1; Gaps 1;

Qy 1 EVOLQOQSGPDLVKPGASVKISCKASGYFTGYIHWVKQSHGKSLIEWIGRVIPIPNNGGTSY 60
Db 1 QVQLQOQSGPELVKPGASVKISCKASGYFTGYIHWVKQSHGKSLIEWIGYIPNNGGTGY 60
Qy 61 NQKFKGKAILTVDKSSSTAYMELRLTSDSAVYICAREGIY-WWGHGTTTLTVSS 114
Db 61 NQKFKGKATLTVDKSSSTAYMELRLTSDSAVYICAREGIY-WWGHGTTTLTVSS 115

RESULT 15
US-10-789-090-7
; Sequence 7, Application US/10789090
; Publication No. US20040223970A1
; GENERAL INFORMATION:
; APPLICANT: Afar, Debbie
; APPLICANT: Law, Debbie
; TITLE OF INVENTION: ANTIBODIES AGAINST SLC15A2 AND USES THEREOF
; FILE REFERENCE: 05882.0192.NEUS01
; CURRENT APPLICATION NUMBER: US/10/789,090
; CURRENT FILING DATE: 2004-02-27
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7
; LENGTH: 121
; TYPE: PRT
; ORGANISM: Homo Sapiens
US-10-789-090-7

Query Match
Best Local Similarity 76.6%; Score 479.5; DB 17; Length 121;
Matches 92; Conservative 10; Mismatches 12; Indels 7; Gaps 1;

Qy 1 EVOLQOQSGPDLVKPGASVKISCKASGYFTGYIHWVKQSHGKSLIEWIGRVIPIPNNGGTSY 60
Db 1 EVOLQOQSGPELVKPGASVKISCKASGYFTGYIHWVKQSHGKSLIEWIGLINPYNGGINY 60
Qy 61 NQKFKGKAILTVDKSSSTAYMELRLTSDSAVYICAREGIY-WWGHGTTTLTVSS 113
Db 61 NQKFKGKATLTVDKSSSTAYMELRLTSDSAVYICAREGIY-WWGHGTTTLTVSS 120

Qy 114 S 114
Db 121 S 121

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Search completed: November 18, 2004, 06:01:27
Job time : 182.674 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 18, 2004, 05:16:17 ; Search time 2.3913 Seconds
(without alignments)
166.398 Million cell updates/sec

Title: US-09-328-296-8

Perfect score: 37

Sequence: 1 TGYIYH 6

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA.*

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- 2: /cgm2_6/ptodata/1/iaa/5B_COMB.pep.*
- 3: /cgm2_6/ptodata/1/iaa/6A_COMB.pep.*
- 4: /cgm2_6/ptodata/1/iaa/6B_COMB.pep.*
- 5: /cgm2_6/ptodata/1/iaa/PCTUS_COMB.pep.*
- 6: /cgm2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	34	91.9	114	2	US-08-888-366-8
2	34	91.9	117	3	US-08-545-809A-90
3	34	91.9	123	1	US-08-477-877B-94
4	34	91.9	123	2	US-08-472-281A-94
5	34	91.9	123	2	US-08-477-989B-94
6	34	91.9	124	3	US-08-257-069-2
7	34	91.9	243	1	US-08-230-843-4
8	34	91.9	243	2	US-08-636-936-4
9	33	89.2	126	4	US-09-914-695-10
10	32	86.5	264	4	US-09-270-767-43548
11	32	86.5	288	3	US-09-423-439-38
12	32	86.5	445	1	US-08-353-400-33
13	32	86.5	464	1	US-08-353-400-36
14	32	86.5	585	3	US-09-370-807-4
15	32	86.5	585	4	US-09-921-259-4
16	32	86.5	609	4	US-09-248-796A-19292
17	32	86.5	611	3	US-09-370-807-2
18	32	86.5	611	3	US-09-921-259-2
19	32	86.5	673	3	US-09-423-439-32
20	31	83.8	116	2	US-08-561-521-41
21	31	83.8	116	5	PCT-US95-01219-41
22	31	83.8	135	1	US-08-137-117D-27
23	31	83.8	135	1	US-08-137-117D-100
24	31	83.8	135	1	US-08-137-117D-102
25	31	83.8	135	1	US-08-137-117D-112
26	31	83.8	135	2	US-08-436-717-27
27	31	83.8	135	2	US-08-436-717-100

28	31	83.8	135	2	US-08-436-717-102	Sequence 102, App
29	31	83.8	135	2	US-08-436-717-112	Sequence 112, App
30	31	83.8	304	4	US-09-270-767-41584	Sequence 41584, A
31	31	83.8	308	4	US-09-252-991A-24129	Sequence 24129, A
32	31	83.8	521	4	US-09-489-039A-13392	Sequence 13392, A
33	30	81.1	81	4	US-09-513-999C-4211	Sequence 4211, Ap
34	30	81.1	94	4	US-09-252-991A-31551	Sequence 31551, A
35	30	81.1	275	2	US-08-645-193B-19	Sequence 19, Appl
36	30	81.1	421	3	US-09-239-303-2	Sequence 2, Appli
37	30	81.1	460	4	US-09-248-796A-17144	Sequence 17144, A
38	30	81.1	490	4	US-09-543-681A-7938	Sequence 7938, Ap
39	30	81.1	508	4	US-09-489-039A-7887	Sequence 7887, Ap
40	30	81.1	511	4	US-09-328-352-6176	Sequence 6176, Ap
41	30	81.1	557	2	US-08-793-229-33	Sequence 33, Appl
42	30	81.1	557	3	US-09-285-957-33	Sequence 33, Appl
43	30	81.1	557	4	US-08-962-281-4	Sequence 4, Appli
44	30	81.1	586	4	US-09-538-092-522	Sequence 522, App
45	30	81.1	846	1	US-07-731-157A-5	Sequence 5, Appli

ALIGNMENTS

RESULT 1
US-08-888-366-8
; Sequence 8, Application US/08888366
; Patent No. 5972656
; GENERAL INFORMATION:
; APPLICANT: Lopez, Osvaldo
; APPLICANT: Wylie, Deane E.
; APPLICANT: Wagner, Fred W.
; TITLE OF INVENTION: Mercury Binding Polypeptides and Nucleotides Coding Therefore
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merchant & Gould
; STREET: 90 South 7th Street, 3100 No. 5972656west Ctr.
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/888,366
; FILING DATE: 03-JUL-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/187,407
; FILING DATE: 27-JAN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/990,542
; FILING DATE: 14-DEC-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/493,299
; FILING DATE: 14-MAR-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/324,392
; FILING DATE: 14-MAR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Carter, Charles G.
; REGISTRATION NUMBER: 35,093
; REFERENCE/DOCKET NUMBER: 8648.39USC1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-332-5300
; TELEFAX: 612-332-9081
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 114 amino acids
; TYPE: amino acid
; TOPOLOGY: linear

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; MOLECULE TYPE: protein
; US-08-888-366-8
; Query Match 91.9%; Score 34; DB 2; Length 114;
; Best Local Similarity 83.3%; Pred. No. 22;
; Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYIYH 6
DB 24 TGYIYH 29

RESULT 2
US-08-545-809A-90
; Sequence 90, Application US/08545809A
; Patent No. 6096878
; GENERAL INFORMATION:
; APPLICANT: Honjo, Tasuku
; APPLICANT: Matsuda, Fumihiko
; TITLE OF INVENTION: HUMAN IMMUNOGLOBULIN VH GENE
; TITLE OF INVENTION: SEGMENTS AND DNA FRAGMENTS CONTAINING THE SAME
; NUMBER OF SEQUENCES: 145
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IEM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: Fast-Seq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/545,809A
; FILING DATE: 27-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP93/00603
; FILING DATE: 10-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Freeman, John W.
; REGISTRATION NUMBER: 29,065
; REFERENCE/DOCKET NUMBER: 08501/004001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 90:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 117 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-545-809A-90

Query Match 91.9%; Score 34; DB 3; Length 117;
Best Local Similarity 83.3%; Pred. No. 22;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYIYH 6
DB 49 TGYIYH 54

RESULT 3
US-08-477-877B-94
; Sequence 94, Application US/08477877B
; Patent No. 5730979
; GENERAL INFORMATION:
; APPLICANT: Bazin, Herv
; APPLICANT: Latinne, Dominique
; TITLE OF INVENTION: LO-CD2a Antibody and Uses Thereof for Inhibiting T-Cell Activation

; MOLECULE TYPE: protein
; US-08-472-281A-94
; Sequence 94, Application US/08472281A
; Patent No. 5817311
; GENERAL INFORMATION:
; APPLICANT: Bazin, Herv
; APPLICANT: Latinne, Dominique
; TITLE OF INVENTION: LO-CD2a Antibody and Uses Thereof for Inhibiting T-Cell Activation
; NUMBER OF SEQUENCES: 96
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
; ADDRESSEE: Cecchi, Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,877B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/407,009
; FILING DATE: 29-MAR-1995
; APPLICATION NUMBER: 08/119,032
; FILING DATE: 09-SEP-1993
; APPLICATION NUMBER: 08/027,008
; FILING DATE: 05-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Olstein, Elliot M.
; REGISTRATION NUMBER: 24,025
; REFERENCE/DOCKET NUMBER: 61750-146
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 94:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 123 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: polypeptide
; FEATURE:
; NAME/KEY: Human Amu 5-3 heavy chain variable region.
; US-08-477-877B-94

Query Match 91.9%; Score 34; DB 1; Length 123;
Best Local Similarity 83.3%; Pred. No. 23;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYIYH 6
DB 30 TGYIYH 35

RESULT 4
US-08-472-281A-94
; Sequence 94, Application US/08472281A
; Patent No. 5817311
; GENERAL INFORMATION:
; APPLICANT: Bazin, Herv
; APPLICANT: Latinne, Dominique
; TITLE OF INVENTION: LO-CD2a Antibody and Uses Thereof for Inhibiting T-Cell Activation
; NUMBER OF SEQUENCES: 96
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
; ADDRESSEE: Cecchi, Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
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; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472.281A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/407,009
; FILING DATE: 29-MAR-1995
; APPLICATION NUMBER: 08/119,032
; FILING DATE: 09-SEP-1993
; APPLICATION NUMBER: 08/027,008
; FILING DATE: 05-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Olstein, Elliot M.
; REGISTRATION NUMBER: 24,025
; REFERENCE/DOCKET NUMBER: 61750-142
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 94:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 123 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: polypeptide
; FEATURE:
; NAME/KEY: Human Amu 5-3 heavy chain variable region.
; US-08-472-281A-94

Query Match          91.9%; Score 34; DB 2; Length 123;
Best Local Similarity 83.3%; Pred. No. 23;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYIYH 6
DB 30 TGYIYH 35

RESULT 5
US-08-477-989B-94
; Sequence 94, Application US/08477989B
; Patent No. 5951983
; GENERAL INFORMATION:
; APPLICANT: Bazin, Herv
; APPLICANT: Latinne, Dominique
; APPLICANT: Kaplan, Ruth
; APPLICANT: Kieber-Emmons, Thomas
; APPLICANT: Postema, Christina E.
; APPLICANT: White-Scharf, Mary
; TITLE OF INVENTION: LO-CD2a Antibody and Uses
; TITLE OF INVENTION: Thereof for Inhibiting
; TITLE OF INVENTION: T-Cell Activation and
; TITLE OF INVENTION: Proliferation
; NUMBER OF SEQUENCES: 96
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
; ADDRESSEE: Cecchi, Stewart & Olstein
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,989B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/407,009
; FILING DATE: 29-MAR-1995
; APPLICATION NUMBER: 08/119,032
; FILING DATE: 09-SEP-1993
; APPLICATION NUMBER: 08/027,008
; FILING DATE: 05-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Olstein, Elliot M.
; REGISTRATION NUMBER: 24,025
; REFERENCE/DOCKET NUMBER: 61750-142
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 94:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 123 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: polypeptide
; FEATURE:
; NAME/KEY: Human Amu 5-3 heavy chain variable region.
; US-08-477-989B-94

Query Match          91.9%; Score 34; DB 2; Length 123;
Best Local Similarity 83.3%; Pred. No. 23;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYIYH 6
DB 30 TGYIYH 35

RESULT 6
US-09-257-069-2
; Sequence 2, Application US/09257069
; Patent No. 6348580
; GENERAL INFORMATION:
; APPLICANT: Medical & Biological Laboratories Co., Ltd.
; TITLE OF INVENTION: Monoclonal Antibody Specific for
; TITLE OF INVENTION: Phosphatidylinositol-3,4,5-Triphosphate
; FILE REFERENCE: M3-008-US
; CURRENT APPLICATION NUMBER: US/09/257,069
; CURRENT FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: JP 1998-252921
; PRIOR FILING DATE: 1998-09-07
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 124
; TYPE: PRT
; ORGANISM: Mus musculus
; US-09-257-069-2

Query Match          91.9%; Score 34; DB 3; Length 124;
Best Local Similarity 83.3%; Pred. No. 23;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYIYH 6
DB 30 TGYIYH 35

RESULT 7
US-08-230-843-4
; Sequence 4, Application US/08230843
; Patent No. 5582826
; GENERAL INFORMATION:
; APPLICANT: SHIMAMURA, TOSHIRO
; APPLICANT: HAMURO, JUNJI
; APPLICANT: NAKAZAWA, HARUMI
; APPLICANT: KANAYAMA, YUKA

```

us-09-328-296-8.ra1

Thu Nov 18 06:37:18 2004

APPLICANT: SUGAMURA, KAZUO
 APPLICANT: TAKESHITA, TOSHIKAZU
 TITLE OF INVENTION: IMMUNOSUPPRESSANT
 NUMBER OF SEQUENCES: 12
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
 ADDRESS: P.C.
 STREET: 1755 S. Jefferson Davis Highway, Suite 400
 CITY: Arlington
 STATE: Virginia
 COUNTRY: U.S.A.
 ZIP: 22202

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/230,843

FILING DATE: 21-APR-1994
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: JP 094491/1993
 FILING DATE: 21-APR-1993

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: JP 036065/1994
 FILING DATE: 07-MAR-1994

ATTORNEY/AGENT INFORMATION:
 NAME: Oblon, No. 5856140man F.
 REGISTRATION NUMBER: 24,618
 REFERENCE/DOCKET NUMBER: 0010-0674-0X
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 413-3000
 TELEFAX: (703) 413-2220
 TELEX: 248855 OPAT UR

INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 243 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-230-843-4

Query Match 91.9%; Score 34; DB 1; Length 243;
 Best Local Similarity 83.3%; Pred. No. 46;
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYIYH 6
 DB 152 TGYIYH 157

RESULT 8
 US-08-636-936-4
 Sequence 4, Application US/08636936
 Patent No. 5856140
 GENERAL INFORMATION:
 APPLICANT: SHIMAMURA, TOSHIRO
 APPLICANT: HAMURO, JUNJI
 APPLICANT: NAKAZAWA, HARUMI
 APPLICANT: KANAYAMA, YUKA
 APPLICANT: SUGAMURA, KAZUO
 APPLICANT: TAKESHITA, TOSHIKAZU
 TITLE OF INVENTION: IMMUNOSUPPRESSANT
 NUMBER OF SEQUENCES: 12
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
 ADDRESS: P.C.
 STREET: 1755 S. Jefferson Davis Highway, Suite 400
 CITY: Arlington
 STATE: Virginia
 COUNTRY: U.S.A.
 ZIP: 22202

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/636,936
 FILING DATE: 24-APR-1996
 CLASSIFICATION: 424
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/230,843
 FILING DATE: 21-APR-1994
 APPLICATION NUMBER: JP 094491/1993
 FILING DATE: 21-APR-1993
 APPLICATION NUMBER: JP 036065/1994
 FILING DATE: 07-MAR-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Oblon, No. 5856140man F.
 REGISTRATION NUMBER: 24,618
 REFERENCE/DOCKET NUMBER: 0010-0674-0X
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 413-3000
 TELEFAX: (703) 413-2220
 TELEX: 248855 OPAT UR
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 243 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-636-936-4

Query Match 91.9%; Score 34; DB 2; Length 243;
 Best Local Similarity 83.3%; Pred. No. 46;
 Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYIYH 6
 DB 152 TGYIYH 157

RESULT 9
 US-09-914-695-10
 Sequence 10, Application US/09914695
 Patent No. 6706487
 GENERAL INFORMATION:
 APPLICANT: Abdel-Meguid, Sherin
 APPLICANT: Ho, Yen Sen
 APPLICANT: Holmes, Stephen D.
 APPLICANT: Taylor, Alexander H.
 TITLE OF INVENTION: Recombinant IL-18 Antagonists Useful in
 Treatment of IL-18 Mediated Disorders
 FILE REFERENCE: P50897
 CURRENT APPLICATION NUMBER: US/09/914,695
 CURRENT FILING DATE: 2001-08-31
 PRIOR APPLICATION NUMBER: PCT/US00/07349
 PRIOR FILING DATE: 2000-03-17
 PRIOR APPLICATION NUMBER: 60/125,299
 PRIOR FILING DATE: 1999-03-19
 NUMBER OF SEQ ID NOS: 48
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO: 10
 LENGTH: 126
 TYPE: PRT
 ORGANISM: Rattus norvegicus
 US-09-914-695-10

Query Match 89.2%; Score 33; DB 4; Length 126;
 Best Local Similarity 83.3%; Pred. No. 37;
 Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TGYIYH 6

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Db      30 TGYVHF 35
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Query Match      86.5%; Score 32; DB 4; Length 264;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 TGYVHH 6
|||||
Db      130 TGYVHH 135
|||||

RESULT 10
US-09-270-767-43548
; Sequence 43548, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62117
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 43548
; LENGTH: 264
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-270-767-43548

Query Match      86.5%; Score 32; DB 4; Length 264;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 TGYVHH 6
|||||
Db      130 TGYVHH 135
|||||

RESULT 11
US-09-423-439-38
; Sequence 38, Application US/09423439
; Patent No. 6339070
; GENERAL INFORMATION:
; APPLICANT: EMERY, Stephen Charles
;           BLAKEY, David Charles
; TITLE OF INVENTION: CHEMICAL COMPOUNDS
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pillsbury Winthrop, L.L.P.
; STREET: 1100 New York Ave., N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MS Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/423 439
; FILING DATE: 09-No. 6339070-1999
; CLASSIFICATION: <unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB98/01294
; FILING DATE: 05-MAY-1998
; APPLICATION NUMBER: GB 9709421.3
; FILING DATE: 10-MAY-1997
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 288 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 38:
US-09-423-439-38

Query Match      86.5%; Score 32; DB 3; Length 288;
Best Local Similarity 83.3%; Pred. No. 1.3e+02;

Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 TGYVHH 6
|||||
Db      30 TGYVHF 35
|||||

Query Match      86.5%; Score 32; DB 1; Length 445;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 TGYVHH 6
|||||
Db      52 TGYVHH 57
|||||

RESULT 12
US-08-353-400-33
; Sequence 33, Application US/08353400
; Patent No. 5665357
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: PROTEINS
; NUMBER OF SEQUENCES: 37
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/353,400
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9324819.3
; FILING DATE: 03-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9411089.7
; FILING DATE: 03-JUN-1994
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 445 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-353-400-33

Query Match      86.5%; Score 32; DB 1; Length 445;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY      1 TGYVHH 6
|||||
Db      30 TGYVHH 35
|||||

RESULT 13
US-08-353-400-36
; Sequence 36, Application US/08353400
; Patent No. 5665357
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: PROTEINS
; NUMBER OF SEQUENCES: 37
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/353,400
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9324819.3
; FILING DATE: 03-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9411089.7
; FILING DATE: 03-JUN-1994
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:

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/ LENGTH: 464 amino acids
/ TYPE: amino acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
US-08-353-400-36

Query Match 86.5%; Score 32; DB 1; Length 464;
Best Local Similarity 83.3%; Pred. No. 2.1e+02;

Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYIYH 6
DB 49 TGYWIH 54

RESULT 14

US-09-370-807-4
; Sequence 4, Application US/09370807
; Patent No. 6297034
; GENERAL INFORMATION:
; APPLICANT: Cahoon, Rebecca E.
; APPLICANT: Falco, S. Carl
; APPLICANT: Rafalski, J. Antoni
; APPLICANT: Sakai, Hajime
; TITLE OF INVENTION: N-End Rule Pathway Enzymes
; FILE REFERENCE: BB-1199
; CURRENT APPLICATION NUMBER: US/09/370,807
; CURRENT FILING DATE: 1999-08-09
; EARLIER APPLICATION NUMBER: 60/096,225
; EARLIER FILING DATE: August 12, 1998
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 4
; LENGTH: 585
; TYPE: PRT
; ORGANISM: Triticum aestivum
US-09-370-807-4

Query Match 86.5%; Score 32; DB 3; Length 585;

Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 GYIYH 6
DB 409 GYIYH 413

RESULT 15

US-09-921-259-4
; Sequence 4, Application US/09921259
; Patent No. 6465234
; GENERAL INFORMATION:
; APPLICANT: Cahoon, Rebecca E.
; APPLICANT: Falco, S. Carl
; APPLICANT: Rafalski, J. Antoni
; APPLICANT: Sakai, Hajime
; TITLE OF INVENTION: N-End Rule Pathway Enzymes
; FILE REFERENCE: BB-1199
; CURRENT APPLICATION NUMBER: US/09/921,259
; CURRENT FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/096,225
; PRIOR FILING DATE: August 12, 1998
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 4
; LENGTH: 585
; TYPE: PRT
; ORGANISM: Triticum aestivum
US-09-921-259-4

Query Match 86.5%; Score 32; DB 4; Length 585;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2 GYIYH 6
DB 409 GYIYH 413

Search completed: November 18, 2004, 05:25:41
Job time : 3.3913 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 18, 2004, 05:21:14 ; Search time 9.45652 Seconds
(without alignments)
224.688 Million cell updates/sec

Title: US-09-328-296-8

Perfect score: 37
Sequence: 1 TGYIH 6

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1570615 seqs, 354127592 residues

Total number of hits satisfying chosen parameters: 1570615

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*

- 1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep.*
- 10: /cgn2_6/ptodata/1/pubpaa/US09B_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/1/pubpaa/US10D_PUBCOMB.pep.*
- 17: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB.pep.*
- 19: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*
- 20: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	37	100.0	18	10	US-09-880-748-2964
2	37	100.0	18	14	US-10-293-418-1846
3	37	100.0	241	10	US-09-880-748-1948
4	37	100.0	241	14	US-10-293-418-1948
5	37	100.0	253	10	US-09-880-748-1003
6	37	100.0	253	10	US-09-880-748-1007
7	37	100.0	253	14	US-10-293-418-1003
8	37	100.0	253	14	US-10-293-418-1007
9	36	97.3	20	10	US-09-880-748-2743
10	36	97.3	20	14	US-10-293-418-2743
11	36	97.3	252	10	US-09-880-748-1394
12	36	97.3	252	14	US-10-293-418-1394
13	36	97.3	254	10	US-09-880-748-1846

14	36	97.3	254	14	US-10-293-418-1846	Sequence 1846, Ap
15	36	97.3	255	10	US-09-880-748-1849	Sequence 1849, Ap
16	36	97.3	255	14	US-10-293-418-1849	Sequence 1849, Ap
17	35	94.6	17	10	US-09-880-748-2960	Sequence 2960, Ap
18	35	94.6	17	14	US-10-293-418-2960	Sequence 2960, Ap
19	35	94.6	248	10	US-09-880-748-1386	Sequence 1386, Ap
20	35	94.6	248	10	US-09-880-748-1388	Sequence 1388, Ap
21	35	94.6	248	14	US-10-293-418-1386	Sequence 1386, Ap
22	35	94.6	248	14	US-10-293-418-1388	Sequence 1388, Ap
23	35	94.6	249	10	US-09-880-748-963	Sequence 963, App
24	35	94.6	249	14	US-10-293-418-963	Sequence 963, App
25	34	91.9	54	14	US-10-029-366-33621	Sequence 33621, A
26	34	91.9	98	14	US-10-194-975-1	Sequence 1, Appl
27	34	91.9	98	14	US-10-125-667-17	Sequence 17, Appl
28	34	91.9	98	14	US-10-308-817-41	Sequence 41, Appl
29	34	91.9	98	15	US-10-032-037B-33	Sequence 33, Appl
30	34	91.9	98	15	US-10-032-037B-34	Sequence 34, Appl
31	34	91.9	98	15	US-10-032-037B-35	Sequence 35, Appl
32	34	91.9	98	15	US-10-032-037B-36	Sequence 36, Appl
33	34	91.9	98	15	US-10-029-988B-33	Sequence 33, Appl
34	34	91.9	98	15	US-10-029-988B-34	Sequence 34, Appl
35	34	91.9	98	15	US-10-029-988B-35	Sequence 35, Appl
36	34	91.9	98	15	US-10-029-988B-36	Sequence 36, Appl
37	34	91.9	98	15	US-10-032-423A-33	Sequence 33, Appl
38	34	91.9	98	15	US-10-032-423A-34	Sequence 34, Appl
39	34	91.9	98	15	US-10-032-423A-35	Sequence 35, Appl
40	34	91.9	98	15	US-10-032-423A-36	Sequence 36, Appl
41	34	91.9	98	15	US-10-453-698-41	Sequence 41, Appl
42	34	91.9	98	15	US-10-029-926B-33	Sequence 33, Appl
43	34	91.9	98	15	US-10-029-926B-34	Sequence 34, Appl
44	34	91.9	98	15	US-10-029-926B-35	Sequence 35, Appl
45	34	91.9	98	15	US-10-029-926B-36	Sequence 36, Appl

ALIGNMENTS

RESULT 1

US-09-880-748-2964
; Sequence 2964, Application US/09880748
; Publication NO. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2964
; LENGTH: 18
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-2964

Query Match 100.0%; Score 37; DB 10; Length 18;
Best Local Similarity 100.0%; Pred. No. 3;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 TGYIH 6
Db 8 TGYIH 13

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RESULT 2
US-10-293-418-2964
; Sequence 2964, Application US/10293418
; Publication No. US20030223996A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523P2
; CURRENT APPLICATION NUMBER: US/10/293,418
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/331,469
; PRIOR FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/340,817
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 09/880,748
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 3247
; SEQ ID NO 2964
; LENGTH: 18
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-293-418-2964

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Query Match      100.0%; Score 37; DB 14; Length 18;
Best Local Similarity 100.0%; Pred. No. 3;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 TGYIHH 6
Db      8 TGYIHH 13

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RESULT 3
US-09-880-748-1948
; Sequence 1948, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1948
; LENGTH: 241
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1948

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Query Match      100.0%; Score 37; DB 10; Length 241;
Best Local Similarity 100.0%; Pred. No. 37;

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Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TGYIHH 6
Db      30 TGYIHH 35

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RESULT 4
US-10-293-418-1948
; Sequence 1948, Application US/10293418
; Publication No. US20030223996A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523P2
; CURRENT APPLICATION NUMBER: US/10/293,418
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/331,469
; PRIOR FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/340,817
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 3247
; SEQ ID NO 1948
; LENGTH: 241
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-293-418-1948

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```

Query Match      100.0%; Score 37; DB 14; Length 241;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 TGYIHH 6
Db      30 TGYIHH 35

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```

RESULT 5
US-09-880-748-1003
; Sequence 1003, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1003
; LENGTH: 253

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Db 106 TGYVH 111

RESULT 9

US-09-880-748-2743

; Sequence 2743, Application US/09880748

; Publication No. US20030059937A1

; GENERAL INFORMATION:

; APPLICANT: Ruben et al.

; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

; FILE REFERENCE: PF523

; CURRENT APPLICATION NUMBER: US/09/880,748

; CURRENT FILING DATE: 2001-06-15

; PRIOR APPLICATION NUMBER: 60/212,210

; PRIOR FILING DATE: 2000-06-15

; PRIOR APPLICATION NUMBER: 60/240,816

; PRIOR FILING DATE: 2000-10-17

; PRIOR APPLICATION NUMBER: 60/276,248

; PRIOR FILING DATE: 2001-03-16

; PRIOR APPLICATION NUMBER: 60/277,379

; PRIOR FILING DATE: 2001-03-21

; PRIOR APPLICATION NUMBER: 60/293,499

; PRIOR FILING DATE: 2001-05-25

; NUMBER OF SEQ ID NOS: 3239

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO 2743

; LENGTH: 20

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-880-748-2743

Query Match 97.3%; Score 36; DB 10; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.1;

Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYVH 6

Db 9 TGYVH 14

RESULT 10

US-10-293-418-2743

; Sequence 2743, Application US/10293418

; Publication No. US20030223996A1

; GENERAL INFORMATION:

; APPLICANT: Ruben et al.

; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

; FILE REFERENCE: PF523P2

; CURRENT APPLICATION NUMBER: US/10/293,418

; CURRENT FILING DATE: 2002-11-27

; PRIOR APPLICATION NUMBER: 60/331,469

; PRIOR FILING DATE: 2001-11-16

; PRIOR APPLICATION NUMBER: 60/340,817

; PRIOR FILING DATE: 2001-12-19

; PRIOR APPLICATION NUMBER: 09/880,748

; PRIOR FILING DATE: 2001-06-15

; PRIOR APPLICATION NUMBER: 60/293,499

; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: 60/277,379

; PRIOR FILING DATE: 2001-03-21

; PRIOR APPLICATION NUMBER: 60/276,248

; PRIOR FILING DATE: 2001-03-16

; PRIOR APPLICATION NUMBER: 60/240,816

; PRIOR FILING DATE: 2000-10-17

; PRIOR APPLICATION NUMBER: 60/212,210

; PRIOR FILING DATE: 2000-06-16

; NUMBER OF SEQ ID NOS: 3247

; SEQ ID NO 2743

; LENGTH: 20

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-293-418-2743

Query Match 97.3%; Score 36; DB 14; Length 20;

Best Local Similarity 83.3%; Pred. No. 5.1;

Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYVH 6

Db 9 TGYVH 14

RESULT 11

US-09-880-748-1394

; Sequence 1394, Application US/09880748

; Publication No. US20030059937A1

; GENERAL INFORMATION:

; APPLICANT: Ruben et al.

; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

; FILE REFERENCE: PF523

; CURRENT APPLICATION NUMBER: US/09/880,748

; CURRENT FILING DATE: 2001-06-15

; PRIOR APPLICATION NUMBER: 60/212,210

; PRIOR FILING DATE: 2000-06-15

; PRIOR APPLICATION NUMBER: 60/240,816

; PRIOR FILING DATE: 2000-10-17

; PRIOR APPLICATION NUMBER: 60/276,248

; PRIOR FILING DATE: 2001-03-16

; PRIOR APPLICATION NUMBER: 60/277,379

; PRIOR FILING DATE: 2001-03-21

; PRIOR APPLICATION NUMBER: 60/293,499

; PRIOR FILING DATE: 2001-05-25

; NUMBER OF SEQ ID NOS: 3239

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO 1394

; LENGTH: 252

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-880-748-1394

Query Match 97.3%; Score 36; DB 10; Length 252;

Best Local Similarity 83.3%; Pred. No. 61;

Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 TGYVH 6

Db 107 TGYVH 112

RESULT 12

US-10-293-418-1394

; Sequence 1394, Application US/10293418

; Publication No. US20030223996A1

; GENERAL INFORMATION:

; APPLICANT: Ruben et al.

; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys

; FILE REFERENCE: PF523P2

; CURRENT APPLICATION NUMBER: US/10/293,418

; CURRENT FILING DATE: 2002-11-27

; PRIOR APPLICATION NUMBER: 60/331,469

; PRIOR FILING DATE: 2001-11-16

; PRIOR APPLICATION NUMBER: 60/340,817

; PRIOR FILING DATE: 2001-12-19

; PRIOR APPLICATION NUMBER: 09/880,748

; PRIOR FILING DATE: 2001-06-15

; PRIOR APPLICATION NUMBER: 60/293,499

; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: 60/277,379

; PRIOR FILING DATE: 2001-03-21

; PRIOR APPLICATION NUMBER: 60/276,248

; PRIOR FILING DATE: 2001-03-16

; PRIOR APPLICATION NUMBER: 60/240,816

; PRIOR FILING DATE: 2000-10-17

; PRIOR APPLICATION NUMBER: 60/212,210

; PRIOR FILING DATE: 2000-06-16

; NUMBER OF SEQ ID NOS: 3247


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; SEQ ID NO 1394
; LENGTH: 252
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-293-418-1394

Query Match          97.3%; Score 36; DB 14; Length 252;
Best Local Similarity 83.3%; Pred. No. 61;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGYVH 6
Db 107 TGYVH 112

RESULT 13
US-09-880-748-1846
; Sequence 1846, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1846
; LENGTH: 254
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1846

Query Match          97.3%; Score 36; DB 10; Length 254;
Best Local Similarity 83.3%; Pred. No. 61;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGYVH 6
Db 30 TGYVH 35

RESULT 14
US-10-293-418-1846
; Sequence 1846, Application US/10293418
; Publication No. US20030223996A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523P2
; CURRENT APPLICATION NUMBER: US/10/293,418
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/331,469
; PRIOR FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/340,817
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/276,248

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; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 3247
; SEQ ID NO 1846
; LENGTH: 254
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-293-418-1846

Query Match          97.3%; Score 36; DB 14; Length 254;
Best Local Similarity 83.3%; Pred. No. 61;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGYVH 6
Db 30 TGYVH 35

RESULT 15
US-09-880-748-1849
; Sequence 1849, Application US/09880748
; Publication No. US2003005937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1849
; LENGTH: 255
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1849

Query Match          97.3%; Score 36; DB 10; Length 255;
Best Local Similarity 83.3%; Pred. No. 61;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGYVH 6
Db 30 TGYVH 35

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Search completed: November 18, 2004, 06:01:33
Job time : 15.4565 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 18, 2004, 05:16:17 ; Search time 6.77536 Seconds
(without alignments)
166.398 Million cell updates/sec

Title: US-09-328-296-9

Perfect score: 93

Sequence: 1 RVIPNNGTSTNQKFKG 17

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA.*

- 1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep.*
- 2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep.*
- 3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep.*
- 4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep.*
- 5: /cgn2_6/ptodata/1/iaa/PTUS_COMB.pep.*
- 6: /cgn2_6/ptodata/1/iaa/backfile1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	80	86.0	301	2	US-08-656-906-25
2	80	86.0	301	3	US-03-217-847-25
3	77	82.8	120	4	US-08-875-706C-1
4	74	79.6	17	4	US-09-563-222C-57
5	74	79.6	125	3	US-09-357-710A-20
6	74	79.6	125	4	US-09-357-707-20
7	74	79.6	125	4	US-09-357-708-20
8	74	79.6	128	1	US-08-202-047-21
9	74	79.6	128	3	US-08-964-690-21
10	72	77.4	17	2	US-08-116-778E-7
11	72	77.4	17	2	US-08-438-562-7
12	72	77.4	17	2	US-08-483-528B-95
13	72	77.4	17	4	US-09-393-385B-106
14	72	77.4	119	1	US-07-634-278-64
15	72	77.4	119	1	US-07-634-278-65
16	72	77.4	119	1	US-07-634-278-89
17	72	77.4	119	1	US-08-477-728-64
18	72	77.4	119	1	US-08-477-728-65
19	72	77.4	119	1	US-08-477-728-89
20	72	77.4	119	1	US-08-474-040-64
21	72	77.4	119	1	US-08-474-040-65
22	72	77.4	119	1	US-08-474-040-89
23	72	77.4	119	1	US-08-487-200-64
24	72	77.4	119	1	US-08-487-200-65
25	72	77.4	119	1	US-08-487-200-89
26	72	77.4	119	3	US-08-484-537-64
27	72	77.4	119	3	US-08-484-537-65

US-08-656-906-25
; Sequence 25, Application US/08656906
; Patent No. 5972901
; GENERAL INFORMATION:
; APPLICANT: Ferkol Jr., Thomas W.
; APPLICANT: Davis, Pamela B.
; APPLICANT: Ziady, Assem-Gaial
; TITLE OF INVENTION: Serpin Enzyme Complex Receptor -
; TITLE OF INVENTION: Mediated Gene Transfer
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/656,906
; FILING DATE: 03-JUN-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/
; FILING DATE: 03-JUN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO 95/25809
; FILING DATE: 23-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/216,534
; FILING DATE: 23-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: CASE-02280
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 301 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-656-906-25

ALIGNMENTS

RESULT 1
US-08-656-906-25
; Sequence 25, Application US/08656906
; Patent No. 5972901
; GENERAL INFORMATION:
; APPLICANT: Ferkol Jr., Thomas W.
; APPLICANT: Davis, Pamela B.
; APPLICANT: Ziady, Assem-Gaial
; TITLE OF INVENTION: Serpin Enzyme Complex Receptor -
; TITLE OF INVENTION: Mediated Gene Transfer
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/656,906
; FILING DATE: 03-JUN-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/
; FILING DATE: 03-JUN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO 95/25809
; FILING DATE: 23-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/216,534
; FILING DATE: 23-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: CASE-02280
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 301 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-656-906-25

Sequence 89, Appl
Sequence 3, Appl
Sequence 3, Appl
Sequence 93, Appl
Sequence 85, Appl
Sequence 85, Appl
Sequence 85, Appl
Sequence 85, Appl
Sequence 1, Appl
Sequence 1, Appl
Sequence 91, Appl
Sequence 36, Appl
Sequence 36, Appl
Sequence 100, App
Sequence 112, App
Sequence 144, App
Sequence 144, App

28 72 77.4 119 3 US-08-484-537-89
29 72 77.4 137 2 US-08-116-778E-3
30 72 77.4 137 2 US-08-438-562-3
31 72 77.4 137 2 US-08-483-528B-93
32 72 77.4 138 1 US-07-634-278-85
33 72 77.4 138 1 US-08-477-728-85
34 72 77.4 138 1 US-08-474-040-85
35 72 77.4 138 1 US-08-487-200-85
36 72 77.4 138 3 US-08-484-537-85
37 72 77.4 139 2 US-08-116-778E-1
38 72 77.4 139 2 US-08-438-562-1
39 72 77.4 139 2 US-08-483-528B-91
40 72 77.4 144 2 US-08-116-778E-36
41 72 77.4 144 2 US-08-438-562-36
42 72 77.4 144 2 US-08-483-528B-100
43 72 77.4 144 4 US-09-393-385B-112
44 71 76.3 17 1 US-08-137-117D-144
45 71 76.3 17 2 US-08-436-717-144

Query Match 86.0%; Score 80; DB 2; Length 301;
Best Local Similarity 100.0%; Pred. No. 5.2e-05;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 PNNGGTSYNQKFG 17
DB 179 PNNGGTSYNQKFG 192

RESULT 2
US-09-217-847-25
; Sequence 25, Application US/09217847
; Patent No. 6200801
; GENERAL INFORMATION:
; APPLICANT: Ferkol Jr., Thomas W.
; APPLICANT: Davis, Pamela B.
; APPLICANT: Ziad, Assem-Galal
; TITLE OF INVENTION: Serpin Enzyme Complex Receptor -
; TITLE OF INVENTION: Mediated Gene Transfer
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/217,847
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/656,906
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO 95/25809
; FILING DATE: 23-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/216,534
; FILING DATE: 23-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: CASE-02280
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 301 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-217-847-25

Query Match 86.0%; Score 80; DB 3; Length 301;
Best Local Similarity 100.0%; Pred. No. 5.2e-05;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 PNNGGTSYNQKFG 17
DB 179 PNNGGTSYNQKFG 192

RESULT 3
US-08-875-706C-1
; Sequence 1, Application US/08875706C

Patent No. 6433148
; GENERAL INFORMATION:
; APPLICANT: MACIAS ABRAHAM, A. E.
; APPLICANT: P REZ RODRIGUEZ, R.
; APPLICANT: RODRIGUEZ OBAYA, T.
; APPLICANT: BOMBINO LOPEZ, G.
; APPLICANT: RAMOS ZAMORA, M.
; APPLICANT: PEÑA MARICHAL, O.
; TITLE OF INVENTION: Monoclonal anti-idiotypic antibodies
; TITLE OF INVENTION:
; NUMBER OF SEQUENCES: 1
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lackenbach Siegel Marzullo Aronson & Greenspan, P.C.
; STREET: One Chase Road
; CITY: Scarsdale
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10583
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk 3.5" (1.4 MB).
; COMPUTER: Compatible PC IBM (80486, 8 M Ram).
; OPERATING SYSTEM: ASCII II DOS
; SOFTWARE: Word Perfect 5.0 for Windows 95.
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/875,706C
; FILING DATE: 17-July-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/CU96/00003
; FILING DATE: 18-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Henry A. Marzullo, Jr.
; REGISTRATION NUMBER: 20,910
; REFERENCE/DOCKET NUMBER: P-11
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 723-4300
; TELEFAX: (914) 723-4301
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 120 Amino acid residues
; TYPE: Amino acid
; STRANDEDNESS: Unknown
; TOPOLOGY: Unknown
; MOLECULE TYPE: Protein
; HYPOTHEICAL: No
; ANTI-SENSE: No
; FRAGMENT TYPE: -N Terminal fragment.
; ORIGINAL SOURCE:
; ORGANISM: Mice Balb/C
; TISSUE TYPE: Murine hibridoma
; IMMEDIATE SOURCE:
; CLONE: B7
; FEATURE:
; IDENTIFICATION METHOD: Experimental.
; OTHER INFORMATION: - Sequence corresponding to the variable
; Patent No. 6433148
; OTHER INFORMATION: region of its heavy chain of the humanized variant obtained
; OTHER INFORMATION: from the monoclonal antibody B7.
US-08-875-706C-1

Query Match 82.8%; Score 77; DB 4; Length 120;
Best Local Similarity 87.5%; Pred. No. 5.9e-05;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2 VIPNNGGTSYNQKFG 17
DB 51 VSPNNGGASTNQRKFG 66

RESULT 4
US-09-563-222C-57
; Sequence 57, Application US/09563222C
; Patent No. 6698620

Query Match 86.0%; Score 80; DB 2; Length 301;
Best Local Similarity 100.0%; Pred. No. 5.2e-05;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 PNNGGTSYNQKFG 17
DB 179 PNNGGTSYNQKFG 192

RESULT 2
US-09-217-847-25
; Sequence 25, Application US/09217847
; Patent No. 6200801
; GENERAL INFORMATION:
; APPLICANT: Ferkol Jr., Thomas W.
; APPLICANT: Davis, Pamela B.
; APPLICANT: Ziad, Assem-Galal
; TITLE OF INVENTION: Serpin Enzyme Complex Receptor -
; TITLE OF INVENTION: Mediated Gene Transfer
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States Of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/217,847
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/656,906
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO 95/25809
; FILING DATE: 23-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/216,534
; FILING DATE: 23-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: CASE-02280
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410
; TELEFAX: (415) 397-8338
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 301 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-217-847-25

Query Match 86.0%; Score 80; DB 3; Length 301;
Best Local Similarity 100.0%; Pred. No. 5.2e-05;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 PNNGGTSYNQKFG 17
DB 179 PNNGGTSYNQKFG 192

RESULT 3
US-08-875-706C-1
; Sequence 1, Application US/08875706C

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; GENERAL INFORMATION:
; APPLICANT: EPICTE PHARMACEUTICALS, INC.
; APPLICANT: HIATT, ANDREW C.
; APPLICANT: HEIN, MICHAEL B.
; TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN PLANT CELLS
; FILE REFERENCE: 068904-0501
; CURRENT APPLICATION NUMBER: US/09/563,222C
; CURRENT FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: PCT/US01/14349
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/563,222
; PRIOR FILING DATE: 2000-05-02
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 57
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-563-222C-57

Query Match          79.6%; Score 74; DB 4; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.2e-05;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 PNNGGTSYNQKFKG 17
DB      4 PNNGGTSYNQKFKG 17

RESULT 5
US-09-357-710A-20
; Sequence 20, Application US/09357710A
; Patent No. 6290956
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF PROSTATE CANCER
; FILE REFERENCE: Lois M. Kwasigroch: BZL 242/025
; CURRENT APPLICATION NUMBER: US/09/357,710A
; CURRENT FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 20
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-357-710A-20

Query Match          79.6%; Score 74; DB 3; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00018;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 PNNGGTSYNQKFKG 17
DB      54 PNNGGTSYNQKFKG 67

RESULT 6
US-09-357-707-20
; Sequence 20, Application US/09357707
; Patent No. 6649163
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
; FILE REFERENCE: Lois M. Kwasigroch: BZL 242/078
; CURRENT APPLICATION NUMBER: US/09/357,707
; CURRENT FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/895,914
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; GENERAL INFORMATION:
; APPLICANT: EPICTE PHARMACEUTICALS, INC.
; APPLICANT: HIATT, ANDREW C.
; APPLICANT: HEIN, MICHAEL B.
; TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN PLANT CELLS
; FILE REFERENCE: 068904-0501
; CURRENT APPLICATION NUMBER: US/09/563,222C
; CURRENT FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: PCT/US01/14349
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/563,222
; PRIOR FILING DATE: 2000-05-02
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 57
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-563-222C-57

Query Match          79.6%; Score 74; DB 4; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00018;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 PNNGGTSYNQKFKG 17
DB      54 PNNGGTSYNQKFKG 67

RESULT 7
US-09-357-708-20
; Sequence 20, Application US/09357708
; Patent No. 6770450
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
; FILE REFERENCE: Lois M. Kwasigroch: BZL 242/028
; CURRENT APPLICATION NUMBER: US/09/357,708
; CURRENT FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/895,914
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 20
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-357-708-20

Query Match          79.6%; Score 74; DB 4; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00018;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 PNNGGTSYNQKFKG 17
DB      54 PNNGGTSYNQKFKG 67

RESULT 8
US-08-202-047-21
; Sequence 21, Application US/08202047
; Patent No. 5800815
; GENERAL INFORMATION:
; APPLICANT: CHESNUT, Robert W.
; APPLICANT: POLLEY, Margaret J.
; APPLICANT: PAULSON, James C.
; APPLICANT: JONES, S. Tarran
; APPLICANT: SALDANHA, Jose W.
; APPLICANT: BENDIG, Mary M.
; TITLE OF INVENTION: Antibodies to P-selectin and Their Uses
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
```

ADDRESS: Townsend and Townsend Khourie and Crew
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/202,047

FILING DATE: 25-FEB-1994

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Smith, William M.

REGISTRATION NUMBER: 30,223

REFERENCE/DOCKET NUMBER: 14137-77

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-326-2400

TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:

LENGTH: 128 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

FEATURE:

NAME/KEY: Protein

LOCATION: 1..128

OTHER INFORMATION: /label= MOUSE_IIA

US-08-202-047-21

Query Match 79.6%; Score 74; DB 1; Length 128;
Best Local Similarity 92.9%; Pred. No. 0.00019;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 PNNGTSTYNQKFKG 17

Db 53 PNNGTSTYNQKFKG 66

RESULT 9

US-08-964-690-21

Sequence 21, Application US/08964690

Patent No. 6033667

GENERAL INFORMATION:

APPLICANT: CHESNUT, Robert W.

APPLICANT: POLLEY, Margaret J.

APPLICANT: PAULSON, James C.

APPLICANT: JONES, S. Tarran

APPLICANT: SALDANHA, Jose W.

APPLICANT: BENDIG, Mary W.

TITLE OF INVENTION: Antibodies to P-Selectin and Their Uses

NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:

ADDRESS: Townsend and Townsend Khourie and Crew

STREET: One Market Plaza, Steuart Tower, Suite 2000

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94105

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/964,690

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/202,047

FILING DATE: 25-FEB-1994

ATTORNEY/AGENT INFORMATION:

NAME: Smith, William M.

REGISTRATION NUMBER: 30,223

REFERENCE/DOCKET NUMBER: 14137-77

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-326-2400

TELEFAX: 415-326-2422

INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:

LENGTH: 128 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

FEATURE:

NAME/KEY: Protein

LOCATION: 1..128

OTHER INFORMATION: /label= MOUSE_IIA

US-08-964-690-21

Query Match 79.6%; Score 74; DB 3; Length 128;
Best Local Similarity 92.9%; Pred. No. 0.00019;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 PNNGTSTYNQKFKG 17

Db 53 PNNGTSTYNQKFKG 66

RESULT 10

US-08-116-778E-7

Sequence 7, Application US/08116778E

Patent No. 5830470

GENERAL INFORMATION:

APPLICANT: NAKAMURA, KAZUYASU

APPLICANT: KOIKE, MASAMICHI

APPLICANT: SHITARA, KENYA

APPLICANT: HANAI, NOBUO

APPLICANT: KUMANA, YOSHILISA

APPLICANT: HASEGAWA, MAMORU

TITLE OF INVENTION: HUMANIZED ANTIBODIES

NUMBER OF SEQUENCES: 49

CORRESPONDENCE ADDRESS:

ADDRESSEE: NIXON & VANDERHVE P.C.

STREET: 1100 NORTH GLEBE ROAD

CITY: ARLINGTON

STATE: VIRGINIA

COUNTRY: U.S.A.

ZIP: 22201-4714

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/116,778E

FILING DATE: 07-SEP-93

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: WILSON, MARY J.

REGISTRATION NUMBER: 32,955

REFERENCE/DOCKET NUMBER: 249-59

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 816-4000

TELEFAX: (703) 816-4100

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 amino acids

TYPE: amino acid

TOPOLOGY: linear

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; MOLECULE TYPE: peptide
US-08-116-778E-7
Query Match 77.4%; Score 72; DB 2; Length 17;
Best Local Similarity 80.0%; Pred. No. 4.6e-05;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2 VIPNNGGTSYNQKFK 16
   : ||||| |||||
Db 2 IYPNNGGTGYNQKFK 16

RESULT 11
US-08-438-562-7
; Sequence 7, Application US/08438562
; Patent No. 5874255
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, KAZUYASU
; APPLICANT: KOIKE, MASAMICHI
; APPLICANT: SHITARA, KENYA
; APPLICANT: HANAI, NOBUO
; APPLICANT: KAWANA, YOSHIHISA
; APPLICANT: HASEGAWA, MAMORU
; TITLE OF INVENTION: HUMANIZED ANTIBODIES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHVE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/438,562
; FILING DATE: 10-MAY-95
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/116,778
; FILING DATE: 07-SEP-93
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: WILSON, MARY J.
; REGISTRATION NUMBER: 32,955
; REFERENCE/DOCKET NUMBER: 249-76
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4000
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-438-562-7

Query Match 77.4%; Score 72; DB 2; Length 17;
Best Local Similarity 80.0%; Pred. No. 4.6e-05;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2 VIPNNGGTSYNQKFK 16
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Db 2 IYPNNGGTGYNQKFK 16

RESULT 12
US-08-483-528B-95
; Sequence 95, Application US/08483528B
; Patent No. 5939532
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; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, KAZUYASU
; APPLICANT: KOIKE, MASAMICHI
; APPLICANT: SHITARA, KENYA
; APPLICANT: HANAI, NOBUO
; APPLICANT: KAWANA, YOSHIHISA
; APPLICANT: HASEGAWA, MAMORU
; TITLE OF INVENTION: HUMANIZED ANTIBODIES
; NUMBER OF SEQUENCES: 103
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHVE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
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; APPLICATION NUMBER: US/08/483,528B
; FILING DATE: 07-JUN-95
; CLASSIFICATION: 536
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4000
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 95:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-483-528B-95

Query Match 77.4%; Score 72; DB 2; Length 17;
Best Local Similarity 80.0%; Pred. No. 4.6e-05;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2 VIPNNGGTSYNQKFK 16
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Db 2 IYPNNGGTGYNQKFK 16

RESULT 13
US-09-393-385B-106
; Sequence 106, Application US/09393385B
; Patent No. 6423511
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, KAZUYASU
; APPLICANT: KOIKE, MASAMICHI
; APPLICANT: SHITARA, KENYA
; APPLICANT: HANAI, NOBUO
; APPLICANT: KAWANA, YOSHIHISA
; APPLICANT: HASEGAWA, MAMORU
; TITLE OF INVENTION: HUMANIZED ANTIBODIES
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHVE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/393,385B
; FILING DATE: 27-JUN-96
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; CLASSIFICATION:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4000
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 106:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-09-393-385B-106

Query Match 77.4%; Score 72; DB 4; Length 17;
Best Local Similarity 80.0%; Pred. No. 4.6e-05;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2 VIPNNGGTSYNQKFK 16
Db 2 IYPNNGGTYNQKFK 16

RESULT 14
US-07-634-278-64
; Sequence 64, Application US/07634278
; Patent No. 5530101
; GENERAL INFORMATION:
; APPLICANT: QUEEN, Cary L.
; APPLICANT: CO, Man Sung
; APPLICANT: SCHNEIDER, William P.
; APPLICANT: LANDOLFI, Nicholas F.
; APPLICANT: COELINGH, Kathleen L.
; APPLICANT: SELICK, Harold E.
; TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Khourie and Crew
; STREET: 379 Lytton Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/634,278
; FILING DATE: 19-DEC-1990
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/590,274
; FILING DATE: 28-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/310,252
; FILING DATE: 13-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/290,975
; FILING DATE: 28-DEC-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 11823-002600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 119 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-09-328-296-9

Query Match 77.4%; Score 72; DB 1; Length 119;
Best Local Similarity 92.9%; Pred. No. 0.00036;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

; MOLECULE TYPE: peptide
; US-07-634-278-64

Query Match 77.4%; Score 72; DB 1; Length 119;
Best Local Similarity 92.9%; Pred. No. 0.00036;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 PNNGGTSYNQKFK 17
Db 53 PYNGGTSYNQKFK 66

RESULT 15
US-07-634-278-65
; Sequence 65, Application US/07634278
; Patent No. 5530101
; GENERAL INFORMATION:
; APPLICANT: QUEEN, Cary L.
; APPLICANT: CO, Man Sung
; APPLICANT: SCHNEIDER, William P.
; APPLICANT: LANDOLFI, Nicholas F.
; APPLICANT: COELINGH, Kathleen L.
; APPLICANT: SELICK, Harold E.
; TITLE OF INVENTION: IMPROVED HUMANIZED IMMUNOGLOBULINS
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Khourie and Crew
; STREET: 379 Lytton Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/634,278
; FILING DATE: 19-DEC-1990
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/590,274
; FILING DATE: 28-SEP-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/310,252
; FILING DATE: 13-FEB-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/290,975
; FILING DATE: 28-DEC-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 11823-002600
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 65:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 119 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-07-634-278-65

Query Match 77.4%; Score 72; DB 1; Length 119;
Best Local Similarity 92.9%; Pred. No. 0.00036;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 PNNGGTSYNQKFK 17
Db 53 PYNGGTSYNQKFK 66
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Search completed: November 18, 2004, 05:25:42
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GenCore version 5.1.6
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OM protein - protein search, using sw model

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Title: US-09-328-296-9

Perfect score: 93

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Database : Published Applications AA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	74	79.6	121	14	US-10-422-049-5
4	74	79.6	121	14	US-10-422-049-6
5	74	79.6	125	10	US-09-529-665-20
6	74	79.6	125	10	US-09-529-546-20
7	74	79.6	125	14	US-10-160-506-79
8	74	79.6	125	16	US-10-449-379-79
9	74	79.6	125	16	US-10-688-015-79
10	74	79.6	125	17	US-10-160-505-79
11	74	79.6	152	9	US-09-881-923-20
12	72	77.4	17	14	US-10-195-752-106
13	72	77.4	119	14	US-10-389-155-23

14	72	77.4	119	14	US-10-389-155-24	Sequence 24, Appl
15	72	77.4	119	15	US-10-389-417-23	Sequence 23, Appl
16	72	77.4	119	15	US-10-389-417-24	Sequence 24, Appl
17	72	77.4	119	15	US-10-452-357-64	Sequence 64, Appl
18	72	77.4	119	15	US-10-452-357-65	Sequence 65, Appl
19	72	77.4	119	15	US-10-452-357-89	Sequence 89, Appl
20	72	77.4	138	14	US-10-389-155-72	Sequence 72, Appl
21	72	77.4	138	15	US-10-389-417-72	Sequence 72, Appl
22	72	77.4	138	15	US-10-452-357-85	Sequence 85, Appl
23	72	77.4	144	14	US-10-195-752-112	Sequence 112, Appl
24	72	77.4	264	14	US-10-114-716A-46	Sequence 46, Appl
25	71	76.3	119	14	US-10-372-481-9	Sequence 9, Appl
26	71	76.3	119	15	US-10-371-797-9	Sequence 9, Appl
27	70	75.3	17	13	US-10-032-482-15	Sequence 15, Appl
28	70	75.3	111	13	US-10-032-482-5	Sequence 5, Appl
29	69	74.2	17	14	US-10-366-709-9	Sequence 9, Appl
30	69	74.2	17	15	US-10-327-663-9	Sequence 9, Appl
31	69	74.2	120	14	US-10-366-709-35	Sequence 35, Appl
32	69	74.2	121	14	US-10-366-709-39	Sequence 39, Appl
33	69	74.2	121	14	US-10-366-709-41	Sequence 41, Appl
34	69	74.2	121	14	US-10-366-709-42	Sequence 42, Appl
35	69	74.2	122	17	US-10-818-765-2	Sequence 2, Appl
36	69	74.2	123	10	US-09-892-613C-18	Sequence 18, Appl
37	69	74.2	132	14	US-10-197-080-2	Sequence 2, Appl
38	69	74.2	140	10	US-09-905-528-6	Sequence 6, Appl
39	69	74.2	140	14	US-10-096-964-6	Sequence 6, Appl
40	69	74.2	140	14	US-10-238-681-11	Sequence 11, Appl
41	69	74.2	140	14	US-10-366-709-48	Sequence 48, Appl
42	69	74.2	140	14	US-10-366-709-50	Sequence 50, Appl
43	69	74.2	140	15	US-10-411-037-62	Sequence 62, Appl
44	69	74.2	140	15	US-10-411-026-62	Sequence 62, Appl
45	69	74.2	140	15	US-10-410-962-62	Sequence 62, Appl

ALIGNMENTS

RESULT 1
US-09-563-222-57
; Sequence 57, Application US/09563222
; Publication No. US20030079253A1
; GENERAL INFORMATION:
; APPLICANT: Hiatt, Andrew
; APPLICANT: Heip, Mich B.
; TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN
; FILE REFERENCE: 310098.406
; CURRENT APPLICATION NUMBER: US/09/563,222
; CURRENT FILING DATE: 2000-05-02
; NUMBER OF SEQ ID NOS: 197
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 57
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-563-222-57

Query Match 79.6%; Score 74; DB 10; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.7e-05;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 PNNGGTSYNQKFKG 17
| | | | | | | | | | | | | | | | | |
Db 4 PNNGGTSYNQKFKG 17

RESULT 2
US-10-783-950-57
; Sequence 57, Application US/10783950
; Publication No. US20040199945A1
; GENERAL INFORMATION:
; APPLICANT: EPICYTE PHARMACEUTICALS, INC.
; APPLICANT: HIATT, ANDREW C.

```

; APPLICANT: HEIN, MICH B.
; TITLE OF INVENTION: IMMUNOGLOBULIN BINDING PROTEIN ARRAYS IN PLANT CELLS
; FILE REFERENCE: 068904-0501
; CURRENT APPLICATION NUMBER: US/10/783,950
; CURRENT FILING DATE: 2004-02-19
; PRIOR APPLICATION NUMBER: US/09/563,222
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: PCT/US01/14349
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: 09/563,222
; PRIOR FILING DATE: 2000-05-02
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 57
; LENGTH: 17
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-783-950-57

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```

Query Match      79.6%; Score 74; DB 17; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.7e-05;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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```

QY      4 PNNGGTSYNQKFKG 17
|      |||||
Db      4 PNNGGTSYNQKFKG 17

```

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RESULT 3
US-10-422-049-5
; Sequence 5, Application US/10422049
; Publication No. US20030199679A1
; GENERAL INFORMATION:
; APPLICANT: Adair, John Robert
; APPLICANT: Athwal, Diljeet Singh
; APPLICANT: Emtage, John Spencer
; APPLICANT: Bodmer, Mark William
; TITLE OF INVENTION: Recombinant Antibodies Specific For TNF-Alpha
; FILE REFERENCE: CARP0063
; CURRENT APPLICATION NUMBER: US/10/422,049
; CURRENT FILING DATE: 2003-04-22
; PRIOR APPLICATION NUMBER: US/09/267,281
; PRIOR FILING DATE: 1999-03-12
; PRIOR APPLICATION NUMBER: 08/456,418
; PRIOR FILING DATE: 1995-06-01
; PRIOR APPLICATION NUMBER: 08/373,882
; PRIOR FILING DATE: 1995-01-17
; PRIOR APPLICATION NUMBER: 07/920,378
; PRIOR FILING DATE: 1992-09-28
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 121
; TYPE: PRT
; ORGANISM: Murine
US-10-422-049-5

```

```

Query Match      79.6%; Score 74; DB 14; Length 121;
Best Local Similarity 92.9%; Pred. No. 0.00023;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      4 PNNGGTSYNQKFKG 17
|      |||||
Db      53 PNNGGTSYNQKFKG 66

```

```

RESULT 4
US-10-422-049-6
; Sequence 6, Application US/10422049
; Publication No. US20030199679A1
; GENERAL INFORMATION:
; APPLICANT: Adair, John Robert
; APPLICANT: Athwal, Diljeet Singh

```

```

; APPLICANT: Emtage, John Spencer
; APPLICANT: Bodmer, Mark William
; TITLE OF INVENTION: Recombinant Antibodies Specific For TNF-Alpha
; FILE REFERENCE: CARP0063
; CURRENT APPLICATION NUMBER: US/10/422,049
; CURRENT FILING DATE: 2003-04-22
; PRIOR APPLICATION NUMBER: US/09/267,281
; PRIOR FILING DATE: 1999-03-12
; PRIOR APPLICATION NUMBER: 08/456,418
; PRIOR FILING DATE: 1995-06-01
; PRIOR APPLICATION NUMBER: 08/373,882
; PRIOR FILING DATE: 1995-01-17
; PRIOR APPLICATION NUMBER: 07/920,378
; PRIOR FILING DATE: 1992-09-28
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 121
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Humanized
; OTHER INFORMATION: Antibody
US-10-422-049-6

```

```

Query Match      79.6%; Score 74; DB 14; Length 121;
Best Local Similarity 92.9%; Pred. No. 0.00023;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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```

QY      4 PNNGGTSYNQKFKG 17
|      |||||
Db      53 PNNGGTSYNQKFKG 66

```

```

RESULT 5
US-09-929-665-20
; Sequence 20, Application US/09929665
; Publication No. US20030003101A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF PROSTATE CANCER
; FILE REFERENCE: Lois M. Kwasi-groch: BZL 242/024
; CURRENT APPLICATION NUMBER: US/09/929,665
; CURRENT FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 09/357,704
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-929-665-20

```

```

Query Match      79.6%; Score 74; DB 10; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00024;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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```

QY      4 PNNGGTSYNQKFKG 17
|      |||||
Db      54 PNNGGTSYNQKFKG 67

```

```

RESULT 6
US-09-929-546-20
; Sequence 20, Application US/09929546
; Publication No. US20030031873A1

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; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
; FILE REFERENCE: Lois M. Kwasiogoch: BZL 242/028
; CURRENT APPLICATION NUMBER: US/09/929,546
; CURRENT FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 09/357,708
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-929-546-20

Query Match      79.6%; Score 74; DB 10; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00024;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 PNNGGTSTYNQKFKG 17
Db      54 PGGGTSYNQKFKG 67

RESULT 7
US-10-160-506-79
; Sequence 79, Application US/10160506
; Publication No. US20030161832A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING OR PREVENTING
; TITLE OF INVENTION: SKIN DISORDERS USING BINDING AGENTS SPECIFIC FOR
; TITLE OF INVENTION: PROSTATE SPECIFIC MEMBRANE ANTIGEN
; FILE REFERENCE: 10448-162001
; CURRENT APPLICATION NUMBER: US/10/160,506
; CURRENT FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/324,100
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 60/362,612
; PRIOR FILING DATE: 2002-03-08
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 79
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-160-506-79

Query Match      79.6%; Score 74; DB 14; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00024;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 PNNGGTSTYNQKFKG 17
Db      54 PGGGTSYNQKFKG 67

RESULT 8
US-10-449-379-79
; Sequence 79, Application US/10449379
; Publication No. US20040120958A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: MODIFIED ANTIBODIES TO PROSTATE-SPECIFIC
; TITLE OF INVENTION: MEMBRANE ANTIGEN AND USES THEREOF
; FILE REFERENCE: 10448-163002
```

```
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
; FILE REFERENCE: Lois M. Kwasiogoch: BZL 242/028
; CURRENT APPLICATION NUMBER: US/09/929,546
; CURRENT FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 09/357,708
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: US 08/838,682
; PRIOR FILING DATE: 1997-04-09
; PRIOR APPLICATION NUMBER: US 60/016,976
; PRIOR FILING DATE: 1996-05-06
; PRIOR APPLICATION NUMBER: US 60/022,125
; PRIOR FILING DATE: 1996-07-18
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-929-546-20

Query Match      79.6%; Score 74; DB 10; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00024;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 PNNGGTSTYNQKFKG 17
Db      54 PGGGTSYNQKFKG 67

RESULT 7
US-10-160-506-79
; Sequence 79, Application US/10160506
; Publication No. US20030161832A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING OR PREVENTING
; TITLE OF INVENTION: SKIN DISORDERS USING BINDING AGENTS SPECIFIC FOR
; TITLE OF INVENTION: PROSTATE SPECIFIC MEMBRANE ANTIGEN
; FILE REFERENCE: 10448-162001
; CURRENT APPLICATION NUMBER: US/10/160,506
; CURRENT FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/324,100
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 60/362,612
; PRIOR FILING DATE: 2002-03-08
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 79
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-160-506-79

Query Match      79.6%; Score 74; DB 14; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00024;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 PNNGGTSTYNQKFKG 17
Db      54 PGGGTSYNQKFKG 67

RESULT 8
US-10-449-379-79
; Sequence 79, Application US/10449379
; Publication No. US20040120958A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: MODIFIED ANTIBODIES TO PROSTATE-SPECIFIC
; TITLE OF INVENTION: MEMBRANE ANTIGEN AND USES THEREOF
; FILE REFERENCE: 10448-163002
```

```
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CANCER
; FILE REFERENCE: Lois M. Kwasiogoch: BZL 242/028
; CURRENT APPLICATION NUMBER: US/10/449,379
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: 10/160,505
; PRIOR FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/323,585
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 60/362,810
; PRIOR FILING DATE: 2002-03-08
; PRIOR APPLICATION NUMBER: 60/295,214
; PRIOR FILING DATE: 2001-06-01
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 79
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-449-379-79

Query Match      79.6%; Score 74; DB 16; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00024;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 PNNGGTSTYNQKFKG 17
Db      54 PGGGTSYNQKFKG 67

RESULT 9
US-10-688-015-79
; Sequence 79, Application US/10688015
; Publication No. US20040136998A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING OR PREVENTING
; TITLE OF INVENTION: INSULIN-RELATED DISORDERS USING BINDING AGENTS SPECIFIC FOR
; TITLE OF INVENTION: PROSTATE SPECIFIC MEMBRANE ANTIGEN
; FILE REFERENCE: 10448-196001
; CURRENT APPLICATION NUMBER: US/10/688,015
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/422,396
; PRIOR FILING DATE: 2002-10-30
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 79
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-688-015-79

Query Match      79.6%; Score 74; DB 16; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00024;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 PNNGGTSTYNQKFKG 17
Db      54 PGGGTSYNQKFKG 67

RESULT 10
US-10-160-505-79
; Sequence 79, Application US/10160505
; Publication No. US20040213791A1
; GENERAL INFORMATION:
; APPLICANT: Bander, Neil H.
; APPLICANT: Carr, Francis J.
; APPLICANT: Hamilton, Anita A.
; TITLE OF INVENTION: MODIFIED ANTIBODIES TO PROSTATE-SPECIFIC
; TITLE OF INVENTION: MEMBRANE ANTIGEN AND USES THEREOF
; FILE REFERENCE: 10448-163001
; CURRENT APPLICATION NUMBER: US/10/160,505
; CURRENT FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/323,585
; PRIOR FILING DATE: 2001-09-20
```

; PRIOR APPLICATION NUMBER: 60/362,810
; PRIOR FILING DATE: 2002-03-08
; PRIOR APPLICATION NUMBER: 60/295,214
; PRIOR FILING DATE: 2001-06-01
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 79
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-160-505-79

Query Match 79.6%; Score 74; DB 17; Length 125;
Best Local Similarity 92.9%; Pred. No. 0.00024;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 PNNGGTSYNQKFK 17
Db 54 PNNGGTSYNQKFK 67

RESULT 11
US-09-881-823-20
; Sequence 20, Application US/09881823
; Patent No. US2002008086A1

; GENERAL INFORMATION:
; APPLICANT: SHI, WENYUAN
; APPLICANT: ANDERSON, MAXWELL
; APPLICANT: MORRISON, SHERIE
; APPLICANT: TRINH, RYAN
; APPLICANT: WIMS, LETITIA
; APPLICANT: CHEN, LI

; TITLE OF INVENTION: Method for the Treatment and Prevention of Dental Caries
; FILE REFERENCE: 22851-032
; CURRENT APPLICATION NUMBER: US/09/881,823
; CURRENT FILING DATE: 2001-06-15

; PRIOR APPLICATION NUMBER: US 07/378,577
; PRIOR FILING DATE: 1999-08-20

; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20

; LENGTH: 152

; TYPE: PRT

; ORGANISM: Murine

US-09-881-823-20

Query Match 79.6%; Score 74; DB 9; Length 152;
Best Local Similarity 100.0%; Pred. No. 0.0003;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 PNNGGTSYNQKFK 16
Db 72 PNNGGTSYNQKFK 84

RESULT 12

US-10-195-752-106
; Sequence 106, Application US/10195752
; Publication No. US2003007276A1

; GENERAL INFORMATION:

; APPLICANT: NAKAMURA, KAZUYASU
; KOIKE, MASAMICHI
; SHITARA, KENYA
; HANAI, NOBUO
; KIWANA, YOSHIHISA
; HASEGAWA, NAMORU

; TITLE OF INVENTION: HUMANIZED ANTIBODIES

; NUMBER OF SEQUENCES: 113

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: NIXON & VANDERHUYE P.C.

; STREET: 1100 NORTH GLEBE ROAD

; CITY: ARLINGTON

; STATE: VIRGINIA

; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/195,752
; FILING DATE: 16-Jul-2002
; CLASSIFICATION: <unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/393,385B
; FILING DATE: 27-JUN-96
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4000
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 106:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 106:
US-10-195-752-106

Query Match 77.4%; Score 72; DB 14; Length 17;
Best Local Similarity 80.0%; Pred. No. 5.9e-05;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 2 VIPNNGGTSYNQKFK 16
Db 2 IYPNNGGTSYNQKFK 16

RESULT 13

US-10-389-155-23

; Sequence 23, Application US/10389155
; Publication No. US20030229208A1

; GENERAL INFORMATION:

; APPLICANT: Queen, Cary L.

; Co. Man Sung

; Schneider, William P.

; Landolfi, Nicholas F.

; Coelling, Kathleen L.

; Selick, Harold E.

; TITLE OF INVENTION: Improved Humanized Immunoglobulins

; NUMBER OF SEQUENCES: 100

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Townsend and Townsend and Crew LLP

; STREET: Two Embarcadero Center, Eighth Floor

; CITY: San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94111-3834

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/389,155

; FILING DATE: 13-Mar-2003

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/09/325,000

; FILING DATE: 01-JUN-1999

; APPLICATION NUMBER: US 07/290,975

; FILING DATE: 28-DEC-1988

; APPLICATION NUMBER: US 07/310,252

; FILING DATE: 13-FEB-1989

; APPLICATION NUMBER: US 07/590,274

; FILING DATE: 28-SEP-1990

APPLICATION NUMBER: US 07/634,278
FILING DATE: 19-DEC-1990
APPLICATION NUMBER: US 08/484,537
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REFERENCE/DOCKET NUMBER: 011823-002650US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-10-389-155-23

Query Match 77.4%; Score 72; DB 14; Length 119;
Best Local Similarity 92.9%; Pred. No. 0.0005;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 PNNGGTSYNQKPKG 17
Db 53 PYNGGTSYNQKPKG 66

RESULT 14
US-10-389-155-24
; Sequence 24, Application US/10389155
; Publication No. US20030229208A1
; GENERAL INFORMATION:
; APPLICANT: Queen, Cary L.
; Co, Man Sung
; Schneider, William P.
; Landolfi, Nicholas F.
; Coeligh, Kathleen L.
; Selick, Harold E.
; TITLE OF INVENTION: Improved Humanized Immunoglobulins
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/389,155
; FILING DATE: 13-Mar-2003
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/325,000
; FILING DATE: 01-JUN-1999
; APPLICATION NUMBER: US 07/290,975
; FILING DATE: 28-DEC-1988
; APPLICATION NUMBER: US 07/310,252
; FILING DATE: 13-FEB-1989
; APPLICATION NUMBER: US 07/590,274
; FILING DATE: 28-SEP-1990
; APPLICATION NUMBER: US 07/634,278
; FILING DATE: 19-DEC-1990
; APPLICATION NUMBER: US 08/484,537
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M.
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 011823-002650US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300

REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 011823-002650US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 119 amino acids
TYPE: amino acid
STRANDEDNESS: <Unknown>
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 24:
US-10-389-155-24

Query Match 77.4%; Score 72; DB 14; Length 119;
Best Local Similarity 92.9%; Pred. No. 0.0005;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 PNNGGTSYNQKPKG 17
Db 53 PYNGGTSYNQKPKG 66

RESULT 15
US-10-389-417-23
; Sequence 23, Application US/10389417
; Publication No. US20040049014A1
; GENERAL INFORMATION:
; APPLICANT: Queen, Cary L.
; Co, Man Sung
; Schneider, William P.
; Landolfi, Nicholas F.
; Coeligh, Kathleen L.
; Selick, Harold E.
; TITLE OF INVENTION: Improved Humanized Immunoglobulins
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/389,417
; FILING DATE: 13-Mar-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/325,000
; FILING DATE: 01-JUN-1999
; APPLICATION NUMBER: US 07/290,975
; FILING DATE: 28-DEC-1988
; APPLICATION NUMBER: US 07/310,252
; FILING DATE: 13-FEB-1989
; APPLICATION NUMBER: US 07/590,274
; FILING DATE: 28-SEP-1990
; APPLICATION NUMBER: US 07/634,278
; FILING DATE: 19-DEC-1990
; APPLICATION NUMBER: US 08/484,537
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M.
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 011823-002650US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300

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; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 119 amino acids
;   TYPE: amino acid
;   STRANDEDNESS: <Unknown>
;   TOPOLOGY: linear
;   MOLECULE TYPE: protein
;   SEQUENCE DESCRIPTION: SEQ ID NO: 23:
US-10-389-417-23

Query Match      77.4%; Score 72; DB 15; Length 119;
Best Local Similarity 92.9%; Pred. No. 0.0005;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 PNNGGTSYNQKFKG 17
Db      53 PYNGGTSYNQKFKG 66
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Search completed: November 18, 2004, 06:01:34
Job time : 27.7935 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: November 18, 2004, 05:16:17 ; Search time 1.5942 Seconds
(without alignments)
166.398 Million cell updates/sec

Title: US-09-328-296-10

Perfect score: 22

Sequence: 1 EGIY 4

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 65318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA.*

- 1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep.*
- 2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep.*
- 3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep.*
- 4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep.*
- 5: /cgn2_6/ptodata/1/iaa/PTUS_COMB.pep.*
- 6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Query Match	Score	Length	DB ID	Description
1	22	100.0	4	4	US-09-727-532A-18
2	22	100.0	4	4	US-09-569-193A-18
3	22	100.0	4	4	US-10-057-812A-18
4	22	100.0	6	4	US-08-877-605-95
5	22	100.0	6	4	US-08-877-605-139
6	22	100.0	11	3	US-08-918-148-20
7	22	100.0	11	4	US-09-727-532A-17
8	22	100.0	11	4	US-09-569-193A-17
9	22	100.0	11	4	US-10-057-812A-17
10	22	100.0	20	4	US-09-138-091A-20
11	22	100.0	20	4	US-08-838-128B-2
12	22	100.0	23	2	US-08-251-472-5
13	22	100.0	23	3	US-08-248-082-5
14	22	100.0	46	4	US-08-838-128B-24
15	22	100.0	49	3	US-08-926-842B-49
16	22	100.0	53	2	US-08-469-537A-7
17	22	100.0	53	2	US-08-469-537A-20
18	22	100.0	56	2	US-08-592-406-22
19	22	100.0	65	2	US-08-633-879C-16
20	22	100.0	67	4	US-09-621-976-7240
21	22	100.0	68	4	US-09-107-532A-4392
22	22	100.0	68	4	US-09-270-767-61430
23	22	100.0	70	4	US-09-489-039A-14086
24	22	100.0	73	4	US-09-248-796A-25081
25	22	100.0	74	4	US-09-543-681A-6319
26	22	100.0	74	4	US-09-489-039A-10802
27	22	100.0	75	3	US-08-928-383B-13

28	22	100.0	77	4	US-09-107-532A-6682	Sequence 6682, Ap
29	22	100.0	88	4	US-09-621-976-6034	Sequence 6034, Ap
30	22	100.0	96	4	US-09-732-210-1618	Sequence 1618, Ap
31	22	100.0	102	4	US-09-134-000C-4374	Sequence 4374, Ap
32	22	100.0	104	1	US-08-052-681-2	Sequence 2, Appli
33	22	100.0	104	4	US-09-328-352-5254	Sequence 5254, Ap
34	22	100.0	108	2	US-08-652-816A-2	Sequence 2, Appli
35	22	100.0	108	2	US-08-652-816A-17	Sequence 17, Appl
36	22	100.0	108	2	US-08-652-816A-18	Sequence 18, Appl
37	22	100.0	108	2	US-08-652-816A-53	Sequence 53, Appl
38	22	100.0	108	2	US-08-330-272-4	Sequence 4, Appli
39	22	100.0	108	5	PCT-US95-13663-4	Sequence 4, Appli
40	22	100.0	114	4	US-09-328-352-5478	Sequence 5478, Ap
41	22	100.0	115	4	US-09-543-681A-7012	Sequence 7012, Ap
42	22	100.0	122	1	US-07-634-278-48	Sequence 48, Appl
43	22	100.0	122	1	US-07-634-278-49	Sequence 49, Appl
44	22	100.0	122	1	US-08-477-728-48	Sequence 48, Appl
45	22	100.0	122	1	US-08-477-728-49	Sequence 49, Appl

ALIGNMENTS

RESULT 1

US-09-727-532A-18
; Sequence 18, Application US/09727532A
; Patent No. 6436646
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/09/727,532A
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protease product
US-09-727-532A-18

Query Match 100.0%; Score 22; DB 4; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 EGIY 4

Db 1 EGIY 4

RESULT 2

US-09-569-193A-18
; Sequence 18, Application US/09569193A
; Patent No. 6472141
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/09/569,193A
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562

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; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protease product
US-09-569-193A-18

Query Match      100.0%; Score 22; DB 4; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 EGIY 4
Db      1 EGIY 4

RESULT 3
US-10-057-812A-18
; Sequence 18, Application US/10057812A
; Patent No. 6689565
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; FILE OF INVENTION: Kinase Assays Using Polycations
; TITLE OF INVENTION: 100/07930
; CURRENT APPLICATION NUMBER: US/10/057,812A
; CURRENT FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: US/09/569,193
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 3.1
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protease product
US-10-057-812A-18

Query Match      100.0%; Score 22; DB 4; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 EGIY 4
Db      1 EGIY 4

RESULT 4
US-08-877-605-95
; Sequence 95, Application US/08877605
; Patent No. 6582965
; GENERAL INFORMATION:
; APPLICANT: Robert Townsend
; APPLICANT: Raj Parekh
; APPLICANT: Sally Prime
; APPLICANT: Nick Webb
; TITLE OF INVENTION: 9195-004
; FILE OF INVENTION: A METHOD FOR DE NOVO PEPTIDE SEQUENCE DETERMINATION
; CURRENT APPLICATION NUMBER: US/08/877,605
; CURRENT FILING DATE: 1997-06-18
; NUMBER OF SEQ ID NOS: 353
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 95

Query Match      100.0%; Score 22; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 EGIY 4
Db      2 EGIY 5

RESULT 5
US-08-877-605-139
; Sequence 139, Application US/08877605
; Patent No. 6582965
; GENERAL INFORMATION:
; APPLICANT: Robert Townsend
; APPLICANT: Raj Parekh
; APPLICANT: Sally Prime
; APPLICANT: Nick Webb
; TITLE OF INVENTION: A METHOD FOR DE NOVO PEPTIDE SEQUENCE DETERMINATION
; FILE OF INVENTION: 9195-004
; CURRENT APPLICATION NUMBER: US/08/877,605
; CURRENT FILING DATE: 1997-06-18
; NUMBER OF SEQ ID NOS: 353
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 139
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Peptide X Library
US-08-877-605-139

Query Match      100.0%; Score 22; DB 4; Length 6;
Best Local Similarity 100.0%; Pred. No. 3.8e+05;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 EGIY 4
Db      2 EGIY 5

RESULT 6
US-08-918-148-20
; Sequence 20, Application US/08918148A
; Patent No. 6342220
; GENERAL INFORMATION:
; APPLICANT: Adams, Camellia
; APPLICANT: W.
; APPLICANT: Carter, Paul J.
; APPLICANT: Fendly, Brian M.
; APPLICANT: Gurney, Austin L.
; TITLE OF INVENTION: Agonist Antibodies
; FILE OF INVENTION: P0379
; CURRENT APPLICATION NUMBER: US/08/918,148A
; CURRENT FILING DATE: 1997-08-25
; NUMBER OF SEQ ID NOS: 79
; SEQ ID NO 20
; LENGTH: 11
; TYPE: PRT
; ORGANISM: artificial
; FEATURE:
; NAME/KEY: 5E5scFv, 10D10scFv, 12D5scFv VL CDR1
; LOCATION: 1-11
; OTHER INFORMATION: also 12B5scFv VL CDR1
US-08-918-148-20
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Query Match 100.0%; Score 22; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 41;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 4 EGIY 7

RESULT 7

US-09-727-532A-17
; Sequence 17, Application US/09727532A

; Patent No. 6436646
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; CURRENT APPLICATION NUMBER: US/09/727,532A
; CURRENT FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protase substrate
; NAME/KEY: misc_feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: lysinamide
US-09-727-532A-17

Query Match 100.0%; Score 22; DB 4; Length 11;
Best Local Similarity 100.0%; Pred. No. 41;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 1 EGIY 4

RESULT 8

US-09-569-193A-17
; Sequence 17, Application US/09569193A

; Patent No. 6472141
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/09/569,193A
; CURRENT FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protase substrate
; NAME/KEY: misc_feature
; LOCATION: (11)..(11)

; OTHER INFORMATION: lysinamide
US-09-569-193A-17

Query Match 100.0%; Score 22; DB 4; Length 11;
Best Local Similarity 100.0%; Pred. No. 41;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 1 EGIY 4

RESULT 9

US-10-057-812A-17
; Sequence 17, Application US/10057812A
; Patent No. 6689565
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/10/057,812A
; CURRENT FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: US/09/569,193
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protase substrate
; NAME/KEY: misc_feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: lysinamide
US-10-057-812A-17

Query Match 100.0%; Score 22; DB 4; Length 11;
Best Local Similarity 100.0%; Pred. No. 41;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
Db 1 EGIY 4

RESULT 10

US-09-138-091A-20
; Sequence 20, Application US/09138091A
; Patent No. 6737249
; GENERAL INFORMATION:
; APPLICANT: Adams, Camellia W.
; APPLICANT: Carter, Paul J.
; APPLICANT: Fendly, Brian M.
; APPLICANT: Gurney, Austin L.
; TITLE OF INVENTION: Agonist Antibodies
; FILE REFERENCE: 9491-013-27
; CURRENT APPLICATION NUMBER: US/09/138,091A
; CURRENT FILING DATE: 1998-08-21
; PRIOR APPLICATION NUMBER: US 60/056,736
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 11
; TYPE: PRT

ORGANISM: Homo sapiens
US-09-139-091A-20

Query Match 100.0%; Score 22; DB 4; Length 11;
Best Local Similarity 100.0%; Pred. No. 41;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4
DB 4 EGIY 7

RESULT 11

US-08-838-128B-2
Sequence 2, Application US/08838128B
Patent No. 6713069

GENERAL INFORMATION:

APPLICANT: Gallaher, William R.
TITLE OF INVENTION: Compositions and Methods for Detecting,
Preventing, and Treating African Hemorrhagic Fever
TITLE OF INVENTION: Preventing, and Treating African Hemorrhagic Fever
NUMBER OF SEQUENCES: 50

CORRESPONDENCE ADDRESS:

ADDRESSEE: John H. Runnels
STREET: P. O. Box 2471
CITY: Baton Rouge
STATE: LA
COUNTRY: USA
ZIP: 70821-2471

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25,
Wordperfect 5.1, Wordpad 4.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/838,128B
FILING DATE: 15-APR-1997

CLASSIFICATION:

435

ATTORNEY/AGENT INFORMATION:

NAME: Runnels, John H.
REGISTRATION NUMBER: 33451

REFERENCE/DOCKET NUMBER:

95M6.1

TELEPHONE:

(225) 387-3221

TELEFAX:

(225) 346-8049

INFORMATION FOR SEQ ID NO:

2:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

ORGANISM: Ebola Virus

STRAIN: Zaire-Mayinga

US-08-838-128B-2

QY 1 EGIY 4

DB 17 EGIY 20

RESULT 12

US-08-251-472-5

Sequence 5, Application US/08251472

Patent No. 5871746

GENERAL INFORMATION:

APPLICANT: BOUTILLON, CHRISTOPHE; MARTINON,

APPLICANT: FREDERIC; GRAS-MASSE, HELENE;
APPLICANT: GOMARD, ELISABETH; SERGHERAERT,
APPLICANT: CHRISTIAN; MAGNE, REMY; TARTAR,
APPLICANT: ANDRE; LEVY, JEAN-PAUL
TITLE OF INVENTION: CYTOTOXIC T LYMPHOCYTE
TITLE OF INVENTION: -INDUCING LIPOPEPTIDES AND USE AS VACCINES
NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESS:

ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/251,472
FILING DATE: 31-MAY-1994

CLASSIFICATION:

424

ATTORNEY/AGENT INFORMATION:

NAME: MUSERLIAN, CHARLES A

REGISTRATION NUMBER: 19,683

REFERENCE/DOCKET NUMBER: 102.1511

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 661-8000

TELEFAX: (212) 661-8002

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 23

TYPE: amino acid

STRANDEDNESS: unknown

TOPOLOGY: linear

MOLECULE TYPE: peptide

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

ORGANISM: HIV-1

FEATURE:

LOCATION: NEF 125-147

US-08-251-472-5

Query Match 100.0%; Score 22; DB 2; Length 23;

Best Local Similarity 100.0%; Pred. No. 87;

Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EGIY 4

DB 6 EGIY 9

RESULT 13

US-09-248-082-5

Sequence 5, Application US/09248082

Patent No. 6015564

GENERAL INFORMATION:

APPLICANT: BOUTILLON, CHRISTOPHE; MARTINON,
APPLICANT: FREDERIC; GRAS-MASSE, HELENE;
APPLICANT: GOMARD, ELISABETH; SERGHERAERT,
APPLICANT: CHRISTIAN; MAGNE, REMY; TARTAR,
APPLICANT: ANDRE; LEVY, JEAN-PAUL

TITLE OF INVENTION: CYTOTOXIC T LYMPHOCYTE

TITLE OF INVENTION: -INDUCING LIPOPEPTIDES AND USE AS VACCINES

NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESS:

ADDRESSEE: BIERMAN & MUSERLIAN

STREET: 600 THIRD AVENUE

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: USA

ZIP: 10016

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; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/248,082
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/251,472
; FILING DATE: 31-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: MUSERLIAN, CHARLES A
; REGISTRATION NUMBER: 19,683
; REFERENCE/DOCKET NUMBER: 102.1511
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 661-8000
; TELEFAX: (212) 661-8002
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: HIV-1
; FEATURE:
; LOCATION: NEF 125-147
;
; US-09-248-082-5
;
; Query Match 100.0%; Score 22; DB 3; Length 23;
; Best Local Similarity 100.0%; Pred. No. 87;
; Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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; QY 1 EGIY 4
; DB 6 EGIY 9
;
; RESULT 14
; US-08-838-128B-24
; Sequence 24, Application US/08938128B
; Patent No. 6713069
; GENERAL INFORMATION:
; APPLICANT: Callaheer, William R.
; TITLE OF INVENTION: Compositions and Methods for Detecting,
; Preventing, and Treating African Hemorrhagic Fever
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: John H. Runnels
; STREET: P. O. Box 2471
; CITY: Baton Rouge
; STATE: LA
; COUNTRY: USA
; ZIP: 70821-2471
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25,
; Wordpad 4.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,128B
; FILING DATE: 15-APR-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Runnels, John H.
; REGISTRATION NUMBER: 33451
; REFERENCE/DOCKET NUMBER: 95M6.1
; TELECOMMUNICATION INFORMATION:
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; Query Match 100.0%; Score 22; DB 3; Length 23;
; Best Local Similarity 100.0%; Pred. No. 87;
; Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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; QY 1 EGIY 4
; DB 6 EGIY 9
;
; RESULT 15
; US-08-926-842B-49
; Sequence 49, Application US/08926842B
; Patent No. 6030807
; GENERAL INFORMATION:
; APPLICANT: Sa-No. 6030807ueira, Isabel
; APPLICANT: de Lencastre, Herminia
; TITLE OF INVENTION: HIGHLY REGULABLE PROMOTER FOR HETEROLOGOUS GENE
; EXPRESSION
; NUMBER OF SEQUENCES: 64
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/926,842B
; FILING DATE: 10-SEP-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-089 N
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 49 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
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; US-08-926-842B-49
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; Query Match 100.0%; Score 22; DB 3; Length 49;
; Best Local Similarity 100.0%; Pred. No. 1.9e+02;
; Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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; QY 1 EGIY 4

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Thu Nov 18 06:37:15 2004

us-09-328-296-10.rai

Page 6

Db 35 EGIY 38
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Job time : 2.5942 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: November 18, 2004, 05:21:14 ; Search time 6.30435 Seconds
(without alignments)
224.688 Million cell updates/sec

Title: US-09-328-296-10

Perfect score: 22

Sequence: 1 EGIY 4

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Maximum Match 100%

Listing first 45 summaries

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- Published Applications AA:*
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 - 19: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pdb.p*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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3	22	100.0	4	15	US-10-701-550-18
4	22	100.0	11	9	US-09-569-193A-17
5	22	100.0	11	13	US-10-057-812-17
6	22	100.0	11	15	US-10-701-550-17
7	22	100.0	15	14	US-10-384-976-29
8	22	100.0	20	17	US-10-776-013-248
9	22	100.0	22	15	US-10-601-100-103
10	22	100.0	27	15	US-10-424-599-190040
11	22	100.0	28	9	US-09-864-761-43895
12	22	100.0	32	17	US-10-425-115-263428
13	22	100.0	34	15	US-10-424-599-159213

14	22	100.0	39	14	US-10-132-585-4	Sequence 4, Appl
15	22	100.0	39	15	US-10-424-599-227557	Sequence 227557,
16	22	100.0	43	15	US-10-424-599-197090	Sequence 197090,
17	22	100.0	43	15	US-10-424-599-272761	Sequence 272761,
18	22	100.0	48	16	US-10-767-701-62559	Sequence 62559, A
19	22	100.0	50	17	US-10-776-013-252	Sequence 252, App
20	22	100.0	58	15	US-10-424-599-255277	Sequence 255277,
21	22	100.0	59	15	US-10-335-977-7842	Sequence 7842, Ap
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23	22	100.0	61	10	US-09-764-891-4312	Sequence 4312, Ap
24	22	100.0	61	15	US-10-424-599-259461	Sequence 259461,
25	22	100.0	62	16	US-10-437-963-14184	Sequence 14184,
26	22	100.0	62	17	US-10-425-115-234217	Sequence 234217,
27	22	100.0	62	17	US-10-425-115-249653	Sequence 249653,
28	22	100.0	62	17	US-10-425-115-294698	Sequence 294698,
29	22	100.0	65	15	US-10-424-599-161931	Sequence 161931,
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31	22	100.0	67	10	US-09-764-891-4339	Sequence 4339, Ap
32	22	100.0	67	16	US-10-767-701-62575	Sequence 62575, A
33	22	100.0	67	17	US-10-425-115-205275	Sequence 205275,
34	22	100.0	68	17	US-10-425-115-356992	Sequence 356992,
35	22	100.0	69	15	US-10-424-599-240496	Sequence 240496,
36	22	100.0	70	15	US-10-424-599-206003	Sequence 206003,
37	22	100.0	70	17	US-10-425-115-226346	Sequence 226346,
38	22	100.0	71	9	US-09-764-855-101	Sequence 101, App
39	22	100.0	71	14	US-10-072-349-101	Sequence 101, App
40	22	100.0	71	17	US-10-425-115-191707	Sequence 191707,
41	22	100.0	71	17	US-10-425-115-300813	Sequence 300813,
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43	22	100.0	73	14	US-10-106-598-4894	Sequence 4894, Ap
44	22	100.0	73	14	US-10-029-386-31310	Sequence 31310, A
45	22	100.0	74	16	US-10-437-963-179864	Sequence 179864,

ALIGNMENTS

RESULT 1

US-09-569-193A-18
; Sequence 18, Application US/09569193A
; Patent No. US20020076697A1
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/09/569,193A
; CURRENT FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protease product
US-09-569-193A-18

Query Match 100.0%; Score 22; DB 9; Length 4;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 EGIY 4

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US-10-057-812-18
; Sequence 18, Application US/10057812
; Patent No. US20020197619A1
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/10/057,812
; CURRENT FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: US/09/569,193A
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protease product
US-10-057-812-18
Query Match 100.0%; Score 22; DB 13; Length 4;
Best Local Similarity 100.0%; Pred. No. 1.4e+06;
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QY 1 EGIY 4
Db 1 EGIY 4

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; Sequence 18, Application US/10701550
; Publication No. US20040058406A1
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/10/701,550
; CURRENT FILING DATE: 2003-11-05
; PRIOR APPLICATION NUMBER: US 09/569,193
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Protease product
US-10-701-550-18
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Best Local Similarity 100.0%; Pred. No. 1.4e+06;
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QY 1 EGIY 4
Db 1 EGIY 4

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US-09-569-193A-17
; Sequence 17, Application US/09569193A
; Patent No. US20020076697A1
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/09/569,193A
; CURRENT FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
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; NAME/KEY: misc_feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: lysinamide
US-10-057-812-17
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QY 1 EGIY 4
Db 1 EGIY 4

RESULT 5
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; Publication No. US20020197619A1
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/10/057,812
; CURRENT FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: US/09/569,193A
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
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; OTHER INFORMATION: Protease substrate
; NAME/KEY: misc_feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: lysinamide
US-10-057-812-17
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QY 1 EGIY 4
Db 1 EGIY 4
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; Publication No. US20040058406A1
; GENERAL INFORMATION:
; APPLICANT: Nikiforov, Theo T.
; TITLE OF INVENTION: Kinase Assays Using Polycations
; FILE REFERENCE: 100/07930
; CURRENT APPLICATION NUMBER: US/10/701,550
; PRIOR FILING DATE: 2003-11-05
; PRIOR APPLICATION NUMBER: US 09/569,193
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 09/316,447
; PRIOR FILING DATE: 1999-05-21
; PRIOR APPLICATION NUMBER: US 60/156,366
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/139,562
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
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; LENGTH: 11
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
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; NAME/KEY: misc feature
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; OTHER INFORMATION: Lysinamide
US-10-701-550-17

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; Sequence 29, Application US/10384976
; Publication No. US20030224015A1
; GENERAL INFORMATION:
; APPLICANT: HART, MARY KATHERINE
; APPLICANT: WILSON, JULIE A.
; APPLICANT: PUSHKO, PETER
; APPLICANT: SMITH, JONATHAN F.
; APPLICANT: SCHMALJOHN, ALAN L.
; TITLE OF INVENTION: EBOLA PEPTIDES AND IMMUNOGENIC COMPOSITIONS CONTAINING
; FILE REFERENCE: ARMY 144A
; CURRENT APPLICATION NUMBER: US/10/384,976
; CURRENT FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: 09/337,946
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/091,403
; PRIOR FILING DATE: 1998-06-29
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; LENGTH: 15
; TYPE: PRT
; ORGANISM: Ebola zaire
US-10-384-976-29

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; Sequence 248, Application US/10776013
; Publication No. US20040226056A1
; GENERAL INFORMATION:
; APPLICANT: MYRIAD GENETICS, INC.
; APPLICANT: Roch, Jean-Marc
; APPLICANT: Bartel, Paul
; APPLICANT: Heichman, Karen
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING NEUROLOGICAL DISORDERS AND
; FILE REFERENCE: 1600.24
; CURRENT APPLICATION NUMBER: US/10/776,013
; CURRENT FILING DATE: 2004-02-09
; PRIOR APPLICATION NUMBER: 09/948904
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: 09/466139
; PRIOR FILING DATE: 1999-12-21
; PRIOR APPLICATION NUMBER: 60/113534
; PRIOR FILING DATE: 1998-12-22
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; PRIOR FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: 09/975072
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/240790
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 10/194967
; PRIOR FILING DATE: 2002-07-15
; PRIOR APPLICATION NUMBER: 60/304775
; PRIOR FILING DATE: 2001-07-13
; NUMBER OF SEQ ID NOS: 695
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 248
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-776-013-248

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QY 1 EGIY 4
Db 6 EGIY 9

RESULT 9
US-10-601-100-103
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; Publication No. US20040072261A1
; GENERAL INFORMATION:
; APPLICANT: INNOGENETICS N.V.
; TITLE OF INVENTION: Method for the Diagnosis and Differential Diagnosis of
; FILE REFERENCE: 11362.0038.NPUS01
; CURRENT APPLICATION NUMBER: US/10/601,100
; CURRENT FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: EP 02447121.1
; PRIOR FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: US 60/396,437
; PRIOR FILING DATE: 2002-07-17
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 103
; LENGTH: 22

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; TYPE: PRT
US-10-601-100-103

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Db 18 EGIY 21

RESULT 10
US-10-424-599-190040
; Sequence 43895, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J
; APPLICANT: Kovalic, David K
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 190040
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION:
US-10-424-599-190040

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RESULT 11
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; Sequence 43895, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aescmca-x-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00664
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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 43895
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC005083.1
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.48
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.72
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.58
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.43
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.6
US-09-864-761-43895

Query Match
Best Local Similarity 100.0%; Score 22; DB 9; Length 28;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 16 EGIY 19

RESULT 12
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; Sequence 263428, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 263428
; LENGTH: 32
; TYPE: PRT
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: MFT4577_171860C.1.pep
US-10-425-115-263428

Query Match
Best Local Similarity 100.0%; Score 22; DB 17; Length 32;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1 EGIY 4
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Db      3 EGIY 6

RESULT 13
US-10-424-599-159213
; Sequence 159213, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 159213
; LENGTH: 34
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_114790C.1.pep
US-10-424-599-159213

Query Match      100.0%; Score 22; DB 15; Length 34;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db      30 EGIY 33

RESULT 14
US-10-132-585-4
; Sequence 4, Application US/10132585
; Publication No. US20030055234A1
; GENERAL INFORMATION:
; APPLICANT: Kapeller-Libermann, Rosanna
; TITLE OF INVENTION: 26030, A HUMAN RHO-GAP FAMILY MEMBER AND
; FILE REFERENCE: MP101-101P1RM
; CURRENT APPLICATION NUMBER: US/10/132,585
; CURRENT FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: 60/286,581
; PRIOR FILING DATE: 2001-04-25
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 39
; TYPE: PRT
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: PFAM consensus rhoGAP domain
US-10-132-585-4

Query Match      100.0%; Score 22; DB 14; Length 39;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 EGIY 4
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Db      7 EGIY 10

RESULT 15
US-10-424-599-227557
; Sequence 227557, Application US/10424599
; Publication No. US20040031072A1
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; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Zhou Yihua
; APPLICANT: Cao Yongwei
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 227557
; LENGTH: 39
; TYPE: PRT
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_47512C.1.pep
US-10-424-599-227557

Query Match      100.0%; Score 22; DB 15; Length 39;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 EGIY 4
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Db      3 EGIY 6

Search completed: November 18, 2004, 06:01:35
Job time : 7.30435 secs
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